



# Hidden Valley Lake Community Services District

## Regular Board Meeting

DATE: June 18, 2013  
TIME: 7:00 p.m.  
PLACE: Hidden Valley Lake CSD  
Administration Office, Boardroom  
19400 Hartmann Road  
Hidden Valley Lake, CA

- 1) CALL TO ORDER
- 2) PLEDGE OF ALLEGIANCE
- 3) ROLL CALL
- 4) APPROVAL OF AGENDA
- 5) CONSENT CALENDAR
  - (A) WARRANTS: Approval of warrant # 030902 - #030979 for a total of \$227,987.98 is recommended
- 6) BOARD COMMITTEE REPORTS (for information only, no action anticipated)
  - Personnel Committee
  - Finance Committee
  - Security and Disaster Preparedness Program Committee
- 7) BOARD MEMBER ATTENDANCE AT OTHER MEETINGS (for information only, no action anticipated)
  - ACWA Region 1
  - ACWA State Legislative Committee
  - County OES
  - Other meetings attended
- 8) STAFF REPORTS (for information only, no action anticipated)
  - Accountant/Controller's Report
  - General Manager's Report
- 9) FY 2013-2014 BUDGET WORKSHOP
  - a) Revenue and expense trends
  - b) Review of FY 2012-2013 budget
  - c) Development of FY 2013-2014 budget
- 10) PUBLIC COMMENT
- 11) BOARD MEMBER COMMENT
- 12) ADJOURNMENT (Special Board Meeting June 27, 2013; Next Regular Board Meeting July 16, 2013)

Public records are available upon request. Board Packets are posted on our website at [www.hiddenvalleylakecsd.com](http://www.hiddenvalleylakecsd.com). Click on the "Board Packet" link on the Agenda tab.

In compliance to the Americans with Disabilities Act, if you need special accommodations to participate in or attend the meeting please contact the District Office at 987-9201 at least 48 hours prior to the scheduled meeting.

Public shall be given the opportunity to comment on each agenda item before the Governing Board acts on that item, G.C. 54953.3. All other comments will be taken under Public Comment.

**Hidden Valley Lake CSD  
Warrant Summary Report  
May 31, 2013**

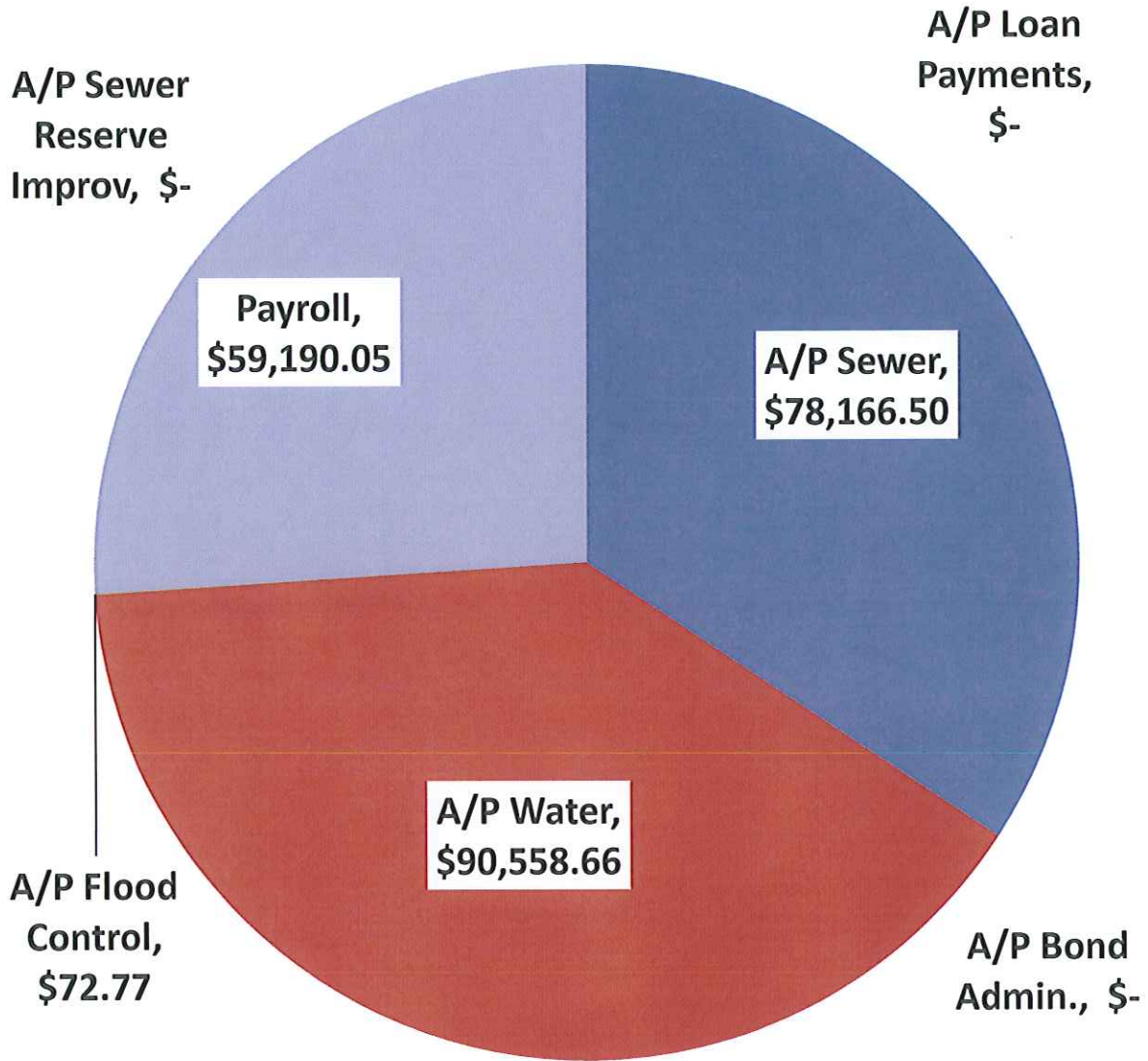
**HVLCSD Deposit Summary**

<b>Cash</b>	<b>\$ 275,720.97</b>
<b>Transfers:</b>	
<b>Money Market</b>	<b>\$ -</b>
<b>Total Deposits</b>	<b>\$ 275,720.97</b>

**HVLCSD Expenditure Summary**

<b>Accounts Payable</b>	
<b>120 - Sewer</b>	<b>\$ 78,166.50</b>
<b>130 - Water</b>	<b>\$ 90,558.66</b>
<b>140 - Flood Control</b>	<b>\$ 72.77</b>
<b>175 - FEMA Fund</b>	<b>\$ -</b>
<b>215 - USDA Sewer Bond</b>	<b>\$ -</b>
<b>217 - State Loan</b>	<b>\$ -</b>
<b>218 - CIEDB</b>	<b>\$ -</b>
<b>219 - USDA Solar Project</b>	<b>\$ -</b>
<b>375 - Sewer Reserve Improvement</b>	<b>\$ -</b>
<b>711 - Bond Administration</b>	<b>\$ -</b>
<b>Total AP</b>	<b>\$ 168,797.93</b>
<b>Payroll</b>	<b>\$ 59,190.05</b>
<b>Total Warrants</b>	<b>\$ 227,987.98</b>

**Hidden Valley Lake CSD  
Warrants  
May 31, 2013  
\$227,988**



- A/P Sewer
- A/P Water
- A/P Flood Control
- A/P Loan Payments
- A/P Sewer Reserve Improv
- A/P Bond Admin.
- Payroll

COMPANY: 999 - POOLED CASH FUND  
 ACCOUNT: 1010 CASH - POOLED  
 TYPE: ALL  
 STATUS: All  
 FOLIO: ALL

CHECK DATE: 5/01/2013 THRU 5/31/2013  
 CLEAR DATE: 0/00/0000 THRU 99/99/9999  
 STATEMENT: 0/00/0000 THRU 99/99/9999  
 VOIDED DATE: 0/00/0000 THRU 99/99/9999  
 AMOUNT: 0.00 THRU 999,999,999.99  
 CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
<b>BANK DRAFT:</b>								
1010	5/03/2013	BANK-DRAFT		US DEPARTMENT OF THE TREASURY	4,359.97CR	CLEARED	A	5/16/2013
1010	5/17/2013	BANK-DRAFT		US DEPARTMENT OF THE TREASURY	4,529.68CR	CLEARED	A	5/17/2013
1010	5/24/2013	BANK-DRAFT		US DEPARTMENT OF THE TREASURY	30.60CR	CLEARED	A	5/24/2013
1010	5/31/2013	BANK-DRAFT		US DEPARTMENT OF THE TREASURY	4,696.50CR	CLEARED	A	5/31/2013
<b>CHECK:</b>								
1010	5/03/2013	CHECK	030902	SILVA, PAUL	4.40CR	OUTSTND	P	0/00/0000
1010	5/03/2013	CHECK	030903	BARTLEY PUMP, INC.	2,487.25CR	CLEARED	A	5/14/2013
1010	5/03/2013	CHECK	030904	EEL RIVER FUELS, INC.	926.77CR	CLEARED	A	5/07/2013
1010	5/03/2013	CHECK	030905	PACE SUPPLY CORP	8,332.08CR	CLEARED	A	5/07/2013
1010	5/03/2013	CHECK	030906	PACIFIC GAS & ELECTRIC COMPANY	10,851.05CR	CLEARED	A	5/09/2013
1010	5/03/2013	CHECK	030907	JOHN & MARY JO GAWLEY	150.00CR	CLEARED	A	5/07/2013
1010	5/03/2013	CHECK	030908	MEDIACOM	75.90CR	CLEARED	A	5/09/2013
1010	5/03/2013	CHECK	030909	OFFICE DEPOT	158.41CR	CLEARED	A	5/07/2013
1010	5/03/2013	CHECK	030910	CALIFORNIA PUBLIC EMPLOYEES RE	7,085.50CR	CLEARED	A	5/10/2013
1010	5/03/2013	CHECK	030911	STATE OF CALIFORNIA EMPLOYMENT	1,274.02CR	CLEARED	A	5/06/2013
1010	5/03/2013	CHECK	030912	VARIABLE ANNUITY LIFE INSURANC	150.00CR	CLEARED	A	5/06/2013
1010	5/03/2013	CHECK	030913	SAM GARCIA	95.00CR	CLEARED	A	5/03/2013
1010	5/10/2013	CHECK	030914	ACWA/JPIA	1,097.68CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030915	CHASE CARD SERVICES UNITED MIL	19.90CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030916	GHD	1,451.00CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030917	KAREN JENSEN	88.14CR	CLEARED	A	5/10/2013
1010	5/10/2013	CHECK	030918	L & M LOCKSMITHING	74.00CR	CLEARED	A	5/16/2013
1010	5/10/2013	CHECK	030919	LAKE COUNTY RECORD BEE	112.99CR	CLEARED	A	5/17/2013
1010	5/10/2013	CHECK	030920	MERRILL, ARNONE & JONES, LLP	813.97CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030921	SPECIAL DISTRICT RISK MANAGEME	23,703.69CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030922	STATE WATER RESOURCES CONTROL	75.00CR	CLEARED	A	5/20/2013
1010	5/10/2013	CHECK	030923	TRICERAT	340.00CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030924	TYLER TECHNOLOGY	121.00CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030925	WAGNER & BONSIGNORE	150.00CR	CLEARED	A	5/23/2013
1010	5/10/2013	CHECK	030926	ARMED FORCE PEST CONTROL, INC.	180.00CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030927	CLEARLAKE LAVA, INC.	1,667.43CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030928	EEL RIVER FUELS, INC.	319.03CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030929	HARDESTER'S MARKETS & HARDWARE	202.03CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030930	JAMES DAY CONSTRUCTION, INC.	1,156.51CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030931	LAKE LABS	1,800.00CR	CLEARED	A	5/20/2013
1010	5/10/2013	CHECK	030932	MENDO MILL CLEARLAKE	77.66CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030933	PACE SUPPLY CORP	184.34CR	CLEARED	A	5/14/2013
1010	5/10/2013	CHECK	030934	SHAPE INCORPORATED	3,202.06CR	CLEARED	A	5/16/2013
1010	5/10/2013	CHECK	030935	SIERRA CHEMICAL CO.	857.94CR	CLEARED	A	5/15/2013
1010	5/10/2013	CHECK	030936	USA BLUE BOOK	205.22CR	CLEARED	A	5/15/2013
1010	5/17/2013	CHECK	030937	NORMAN, ROGERS	238.52CR	CLEARED	P	5/20/2013
1010	5/17/2013	CHECK	030938	ACWA/JPIA	1,097.68CR	CLEARED	A	5/22/2013
1010	5/17/2013	CHECK	030939	AT&T	989.07CR	CLEARED	A	5/22/2013

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ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
CHECK:								
1010	5/17/2013	CHECK	030940	CARDMEMBER SERVICE	4,866.07CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030941	CSG SYSTEMS	382.42CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030942	LAKE COUNTY RECORD BEE	200.79CR	CLEARED	A	5/22/2013
1010	5/17/2013	CHECK	030943	PATRICIA WILKINSON	147.65CR	CLEARED	A	5/17/2013
1010	5/17/2013	CHECK	030944	RICHARD & KATHY BARNETT	150.00CR	CLEARED	A	6/03/2013
1010	5/17/2013	CHECK	030945	ROLAND SANFORD	145.77CR	CLEARED	A	5/23/2013
1010	5/17/2013	CHECK	030946	ST HELENA HOSPITAL dba JOBCARE	258.00CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030947	STATE WATER RESOURCES CONTROL	300.00CR	CLEARED	A	5/28/2013
1010	5/17/2013	CHECK	030948	TASHA KLEWE	223.39CR	CLEARED	A	5/20/2013
1010	5/17/2013	CHECK	030949	TOM LENSPEER	150.00CR	OUTSTND	A	0/00/0000
1010	5/17/2013	CHECK	030950	NAPA AUTO PARTS	327.21CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030951	PACE SUPPLY CORP	2,182.42CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030952	USA BLUE BOOK	1,016.81CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030953	VERIZON WIRELESS	638.59CR	CLEARED	A	5/22/2013
1010	5/17/2013	CHECK	030954	CALIFORNIA PUBLIC EMPLOYEES RE	7,069.28CR	CLEARED	A	5/22/2013
1010	5/17/2013	CHECK	030955	STATE OF CALIFORNIA EMPLOYMENT	1,305.40CR	CLEARED	A	5/21/2013
1010	5/17/2013	CHECK	030956	VARIABLE ANNUITY LIFE INSURANC	200.00CR	CLEARED	A	5/20/2013
1010	5/24/2013	CHECK	030957	PRATT, ROBERT	151.34CR	CLEARED	A	5/31/2013
1010	5/24/2013	CHECK	030958	MICHELLE HAMILTON	625.00CR	CLEARED	A	6/10/2013
1010	5/24/2013	CHECK	030959	OFFICE DEPOT	77.67CR	CLEARED	A	5/29/2013
1010	5/24/2013	CHECK	030960	REDFORD SERVICES	950.00CR	CLEARED	A	5/30/2013
1010	5/24/2013	CHECK	030961	ROBERT KRAUSE	150.00CR	OUTSTND	A	0/00/0000
1010	5/24/2013	CHECK	030962	BLUETARP FINANCIAL, INC.	822.45CR	CLEARED	A	5/28/2013
1010	5/24/2013	CHECK	030963	EEL RIVER FUELS, INC.	1,146.76CR	CLEARED	A	5/29/2013
1010	5/24/2013	CHECK	030964	FOXCROFT EQUIPMENT & SERVICES	454.90CR	CLEARED	A	5/30/2013
1010	5/24/2013	CHECK	030965	HACH COMPANY	533.37CR	CLEARED	A	5/29/2013
1010	5/24/2013	CHECK	030966	RAINBOW AGRICULTURAL SERVICES	201.63CR	CLEARED	A	5/29/2013
1010	5/24/2013	CHECK	030967	STATE WATER RESOURCES CONTROL	170.00CR	CLEARED	A	6/05/2013
1010	5/24/2013	CHECK	030968	USA BLUE BOOK	981.75CR	CLEARED	A	5/30/2013
1010	5/31/2013	CHECK	030969	NORMAN, ROGERS	623.41CR	OUTSTND	P	0/00/0000
1010	5/31/2013	CHECK	030970	MEDIACOM	75.90CR	CLEARED	A	6/05/2013
1010	5/31/2013	CHECK	030971	ROLAND SANFORD	30.84CR	CLEARED	A	6/04/2013
1010	5/31/2013	CHECK	030972	SPECIAL DISTRICT RISK MANAGEME	29,035.65CR	CLEARED	A	6/05/2013
1010	5/31/2013	CHECK	030973	TAMI IPSEN	83.92CR	CLEARED	A	5/31/2013
1010	5/31/2013	CHECK	030974	DAVE BURNS	157.35CR	CLEARED	A	6/03/2013
1010	5/31/2013	CHECK	030975	LAKE COUNTY COURIER EXPRESS, L	1,426.15CR	CLEARED	A	6/10/2013
1010	5/31/2013	CHECK	030976	PACIFIC GAS & ELECTRIC COMPANY	18,111.91CR	CLEARED	A	6/06/2013
1010	5/31/2013	CHECK	030977	CALIFORNIA PUBLIC EMPLOYEES RE	7,284.39CR	OUTSTND	A	0/00/0000
1010	5/31/2013	CHECK	030978	STATE OF CALIFORNIA EMPLOYMENT	1,324.08CR	CLEARED	A	6/03/2013
1010	5/31/2013	CHECK	030979	VARIABLE ANNUITY LIFE INSURANC	250.00CR	CLEARED	A	6/04/2013
DEPOSIT:								
1010	5/01/2013	DEPOSIT		CREDIT CARD 5/01/2013	182.50	CLEARED	C	5/06/2013
1010	5/01/2013	DEPOSIT	000001	CREDIT CARD 5/01/2013	228.01	CLEARED	C	5/06/2013

COMPANY: 999 - POOLED CASH FUND

ACCOUNT: 1010 CASH - POOLED

TYPE: ALL

STATUS: All

FOLIO: ALL

CHECK DATE: 5/01/2013 THRU 5/31/2013

CLEAR DATE: 0/00/0000 THRU 99/99/9999

STATEMENT: 0/00/0000 THRU 99/99/9999

VOIDED DATE: 0/00/0000 THRU 99/99/9999

AMOUNT: 0.00 THRU 999,999,999.99

CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	-----AMOUNT----	STATUS	FOLIO	CLEAR DATE
DEPOSIT:								
1010	5/01/2013	DEPOSIT	000002	REGULAR DAILY POST 5/01/2013	1,057.63	CLEARED	C	5/02/2013
1010	5/02/2013	DEPOSIT		REGULAR DAILY POST 5/02/2013	179.13	CLEARED	C	5/03/2013
1010	5/03/2013	DEPOSIT		CREDIT CARD 5/03/2013	687.16	CLEARED	C	5/07/2013
1010	5/03/2013	DEPOSIT	000001	REGULAR DAILY POST 5/03/2013	1,047.70	CLEARED	C	5/06/2013
1010	5/03/2013	DEPOSIT	000002	CREDIT CARD 5/03/2013	349.24	CLEARED	C	5/08/2013
1010	5/06/2013	DEPOSIT		CREDIT CARD 5/06/2013	598.12	CLEARED	C	5/15/2013
1010	5/06/2013	DEPOSIT	000001	CREDIT CARD 5/06/2013	1,050.78	CLEARED	C	5/09/2013
1010	5/06/2013	DEPOSIT	000002	REGULAR DAILY POST 5/06/2013	9,794.90	CLEARED	C	5/07/2013
1010	5/06/2013	DEPOSIT	000003	DAILY PAYMENT POSTING - ADJ	230.00CR	CLEARED	U	5/06/2013
1010	5/07/2013	DEPOSIT		CREDIT CARD 5/07/2013	248.88	CLEARED	C	5/08/2013
1010	5/07/2013	DEPOSIT	000001	CREDIT CARD 5/07/2013	1,303.93	CLEARED	C	5/10/2013
1010	5/07/2013	DEPOSIT	000002	REGULAR DAILY POST 5/07/2013	7,785.47	CLEARED	C	5/08/2013
1010	5/08/2013	DEPOSIT		CREDIT CARD 5/08/2013	174.56	CLEARED	C	5/13/2013
1010	5/08/2013	DEPOSIT	000001	CREDIT CARD 5/08/2013	475.81	CLEARED	C	5/13/2013
1010	5/08/2013	DEPOSIT	000002	REGULAR DAILY POST 5/08/2013	8,580.50	CLEARED	C	5/09/2013
1010	5/09/2013	DEPOSIT		CREDIT CARD 5/09/2013	74.26	CLEARED	C	5/15/2013
1010	5/09/2013	DEPOSIT	000001	CREDIT CARD 5/09/2013	673.14	CLEARED	C	5/14/2013
1010	5/09/2013	DEPOSIT	000002	REGULAR DAILY POST 5/09/2013	6,798.00	CLEARED	C	5/10/2013
1010	5/10/2013	DEPOSIT		CREDIT CARD 5/10/2013	148.52	CLEARED	C	5/14/2013
1010	5/10/2013	DEPOSIT	000001	CREDIT CARD 5/10/2013	1,828.26	CLEARED	C	5/14/2013
1010	5/10/2013	DEPOSIT	000002	REGULAR DAILY POST 5/10/2013	8,261.42	CLEARED	C	5/13/2013
1010	5/13/2013	DEPOSIT		CREDIT CARD 5/13/2013	74.26	CLEARED	C	5/16/2013
1010	5/13/2013	DEPOSIT	000001	CREDIT CARD 5/13/2013	746.64	CLEARED	C	5/16/2013
1010	5/13/2013	DEPOSIT	000002	REGULAR DAILY POST 5/13/2013	20,009.53	CLEARED	C	5/14/2013
1010	5/14/2013	DEPOSIT		CREDIT CARD 5/14/2013	299.92	CLEARED	C	5/17/2013
1010	5/14/2013	DEPOSIT	000001	CREDIT CARD 5/14/2013	574.62	CLEARED	C	5/17/2013
1010	5/14/2013	DEPOSIT	000002	CREDIT CARD 5/14/2013	525.86	CLEARED	C	5/17/2013
1010	5/14/2013	DEPOSIT	000003	REGULAR DAILY POST 5/14/2013	5,731.97	CLEARED	C	5/15/2013
1010	5/15/2013	DEPOSIT		CREDIT CARD 5/15/2013	848.47	CLEARED	C	5/20/2013
1010	5/15/2013	DEPOSIT	000001	CREDIT CARD 5/15/2013	1,402.73	CLEARED	C	5/20/2013
1010	5/15/2013	DEPOSIT	000002	REGULAR DAILY POST 5/15/2013	6,924.05	CLEARED	C	5/16/2013
1010	5/16/2013	DEPOSIT		CREDIT CARD 5/16/2013	174.62	CLEARED	C	5/20/2013
1010	5/16/2013	DEPOSIT	000001	CREDIT CARD 5/16/2013	262.63	CLEARED	C	5/21/2013
1010	5/16/2013	DEPOSIT	000002	CREDIT CARD 5/16/2013	947.72	CLEARED	C	5/21/2013
1010	5/16/2013	DEPOSIT	000003	REGULAR DAILY POST 5/16/2013	8,044.98	CLEARED	C	5/17/2013
1010	5/17/2013	DEPOSIT		CREDIT CARD 5/17/2013	243.85	CLEARED	C	5/21/2013
1010	5/17/2013	DEPOSIT	000001	CC DRAFT POSTING	12,626.73	CLEARED	U	5/21/2013
1010	5/17/2013	DEPOSIT	000002	DRAFT POSTING	6,897.95	CLEARED	U	5/17/2013
1010	5/17/2013	DEPOSIT	000003	CREDIT CARD 5/17/2013	323.14	CLEARED	C	5/21/2013
1010	5/17/2013	DEPOSIT	000004	CREDIT CARD 5/17/2013	7.55	CLEARED	C	5/21/2013
1010	5/17/2013	DEPOSIT	000005	CREDIT CARD 5/17/2013	1,095.88	CLEARED	C	5/21/2013
1010	5/17/2013	DEPOSIT	000006	REGULAR DAILY POST 5/17/2013	7,647.34	CLEARED	C	5/20/2013
1010	5/20/2013	DEPOSIT		CREDIT CARD 5/20/2013	148.52	CLEARED	C	5/22/2013
1010	5/20/2013	DEPOSIT	000001	CREDIT CARD 5/20/2013	1,222.08	CLEARED	C	5/23/2013

COMPANY: 999 - POOLED CASH FUND  
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 FOLIO: ALL

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ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
<b>DEPOSIT:</b>								
1010	5/20/2013	DEPOSIT	000002	REGULAR DAILY POST 5/20/2013	12,893.06	CLEARED	C	5/21/2013
1010	5/21/2013	DEPOSIT		CREDIT CARD 5/21/2013	555.75	CLEARED	C	5/23/2013
1010	5/21/2013	DEPOSIT	000001	DAILY PAYMENT POSTING - ADJ	698.52CR	CLEARED	U	5/21/2013
1010	5/21/2013	DEPOSIT	000002	CREDIT CARD 5/21/2013	349.24	CLEARED	C	5/24/2013
1010	5/21/2013	DEPOSIT	000003	CREDIT CARD 5/21/2013	598.12	CLEARED	C	5/24/2013
1010	5/21/2013	DEPOSIT	000004	REGULAR DAILY POST 5/21/2013	18,273.25	CLEARED	C	5/22/2013
1010	5/22/2013	DEPOSIT		CREDIT CARD 5/22/2013	325.56	CLEARED	C	5/28/2013
1010	5/22/2013	DEPOSIT	000001	CREDIT CARD 5/22/2013	1,412.85	CLEARED	C	5/28/2013
1010	5/22/2013	DEPOSIT	000002	REGULAR DAILY POST 5/22/2013	4,784.64	CLEARED	C	5/23/2013
1010	5/22/2013	DEPOSIT	000003	CREDIT CARD 5/22/2013	248.88	CLEARED	C	5/28/2013
1010	5/23/2013	DEPOSIT		CREDIT CARD 5/23/2013	234.64	CLEARED	C	5/29/2013
1010	5/23/2013	DEPOSIT	000001	CREDIT CARD 5/23/2013	1,410.75	CLEARED	C	5/29/2013
1010	5/23/2013	DEPOSIT	000002	REGULAR DAILY POST 5/23/2013	7,615.96	CLEARED	C	5/24/2013
1010	5/24/2013	DEPOSIT		CREDIT CARD 5/24/2013	518.30	CLEARED	C	5/29/2013
1010	5/24/2013	DEPOSIT	000001	CREDIT CARD 5/24/2013	1,195.86	CLEARED	C	5/29/2013
1010	5/24/2013	DEPOSIT	000002	REGULAR DAILY POST 5/24/2013	7,563.82	CLEARED	C	5/28/2013
1010	5/28/2013	DEPOSIT		CREDIT CARD 5/28/2013	1,057.21	CLEARED	C	5/31/2013
1010	5/28/2013	DEPOSIT	000001	CREDIT CARD 5/28/2013	1,212.76	CLEARED	C	5/31/2013
1010	5/28/2013	DEPOSIT	000002	REGULAR DAILY POST 5/28/2013	22,832.44	CLEARED	C	5/29/2013
1010	5/28/2013	DEPOSIT	000003	CREDIT CARD 5/28/2013	423.50	CLEARED	C	5/31/2013
1010	5/29/2013	DEPOSIT		CREDIT CARD 5/29/2013	3,153.55	CLEARED	C	6/03/2013
1010	5/29/2013	DEPOSIT	000001	REGULAR DAILY POST 5/29/2013	9,963.74	CLEARED	C	5/30/2013
1010	5/29/2013	DEPOSIT	000002	CREDIT CARD 5/29/2013	423.50	CLEARED	C	6/04/2013
1010	5/29/2013	DEPOSIT	000003	DRAFT POSTING	74.26	CLEARED	U	5/28/2013
1010	5/30/2013	DEPOSIT		CC DRAFT POSTING	95.29	CLEARED	U	6/04/2013
1010	5/30/2013	DEPOSIT	000001	CREDIT CARD 5/30/2013	1,122.34	CLEARED	C	6/05/2013
1010	5/30/2013	DEPOSIT	000002	CREDIT CARD 5/30/2013	3,792.41	CLEARED	C	6/04/2013
1010	5/30/2013	DEPOSIT	000003	REGULAR DAILY POST 5/30/2013	12,272.77	CLEARED	C	5/31/2013
1010	5/30/2013	DEPOSIT	000004	CREDIT CARD 5/30/2013	1,058.01	CLEARED	C	6/05/2013
1010	5/31/2013	DEPOSIT		CREDIT CARD 5/31/2013	7,234.84	CLEARED	C	6/04/2013
1010	5/31/2013	DEPOSIT	000001	REGULAR DAILY POST 5/31/2013	24,565.38	CLEARED	C	6/03/2013
1010	5/31/2013	DEPOSIT	000002	CREDIT CARD 5/31/2013	1,306.14	CLEARED	C	6/05/2013
1010	5/31/2013	DEPOSIT	000003	DAILY PAYMENT POSTING - ADJ	228.29CR	CLEARED	U	5/31/2013
<b>MISCELLANEOUS:</b>								
1010	5/03/2013	MISC.		PAYROLL DIRECT DEPOSIT	19,068.01CR	CLEARED	P	5/03/2013
1010	5/17/2013	MISC.		PAYROLL DIRECT DEPOSIT	19,129.17CR	CLEARED	P	5/17/2013
1010	5/21/2013	MISC.		PAYROLL DIRECT DEPOSIT	184.70CR	CLEARED	P	5/21/2013
1010	5/31/2013	MISC.		PAYROLL DIRECT DEPOSIT	19,941.84CR	CLEARED	P	5/31/2013
<b>SERVICE CHARGE:</b>								
1010	5/02/2013	SERV-CHG		April 2013 ETS Fees	594.89CR	CLEARED	G	5/02/2013
1010	5/02/2013	SERV-CHG	000001	April 2013 ETS Fees	213.21CR	CLEARED	G	5/02/2013
1010	5/02/2013	SERV-CHG	000002	April 2013 ETS Fees	11.08CR	CLEARED	G	5/02/2013

6/11/2013 12:01 PM

CHECK RECONCILIATION REGISTER

PAGE: 5

COMPANY: 999 - POOLED CASH FUND  
ACCOUNT: 1010 CASH - POOLED  
TYPE: ALL  
STATUS: All  
FOLIO: ALL

CHECK DATE: 5/01/2013 THRU 5/31/2013  
CLEAR DATE: 0/00/0000 THRU 99/99/9999  
STATEMENT: 0/00/0000 THRU 99/99/9999  
VOIDED DATE: 0/00/0000 THRU 99/99/9999  
AMOUNT: 0.00 THRU 999,999,999.99  
CHECK NUMBER: 000000 THRU 999999

ACCOUNT	--DATE--	--TYPE--	NUMBER	-----DESCRIPTION-----	----AMOUNT----	STATUS	FOLIO	CLEAR DATE
<hr/>								
SERVICE CHARGE:								
1010	5/02/2013	SERV-CHG	000003	April 2013 Analysis Fees	308.76CR	CLEARED	G	5/02/2013
TOTALS FOR ACCOUNT 1010				CHECK	TOTAL:	156,047.51CR		
				DEPOSIT	TOTAL:	275,720.97		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	58,323.72CR		
				SERVICE CHARGE	TOTAL:	1,127.94CR		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	13,616.75CR		
TOTALS FOR POOLED CASH FUND				CHECK	TOTAL:	156,047.51CR		
				DEPOSIT	TOTAL:	275,720.97		
				INTEREST	TOTAL:	0.00		
				MISCELLANEOUS	TOTAL:	58,323.72CR		
				SERVICE CHARGE	TOTAL:	1,127.94CR		
				EFT	TOTAL:	0.00		
				BANK-DRAFT	TOTAL:	13,616.75CR		



A C C O U N T S P A Y A B L E  
D I S B U R S E M E N T R E P O R T

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	G/L 1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-1722	US DEPARTMENT OF THE TREA	000000	13,616.75	N	120 2091	FIT PAYABLE	5,542.32
					120 2093	SOCIAL SECURITY PAYABL	185.62
					120 2094	MEDICARE PAYABLE	655.06
					120 5-10-5010	SALARIES & WAGES	427.47
					120 5-20-5010	SALARIES & WAGES	73.05
					120 5-30-5010	SALARIES & WAGES	333.39
					120 5-40-5010	DIRECTORS COMPENSATION	6.88
					130 2091	FIT PAYABLE	4,895.59
					130 2093	SOCIAL SECURITY PAYABL	186.89
					130 2094	MEDICARE PAYABLE	561.85
					130 5-10-5010	SALARIES & WAGES	427.41
					130 5-20-5010	SALARIES & WAGES	73.04
					130 5-30-5010	SALARIES & WAGES	239.76
					130 5-40-5010	DIRECTORS COMPENSATION	8.42
01-2057	BARTLEY PUMP, INC.	030903	2,487.25	N	130 5-00-5150	REPAIR & REPLACE	2,487.25
01-112	EEL RIVER FUELS, INC.	030904	926.77	N	120 5-00-5060	GASOLINE, OIL & FUEL	463.39
					130 5-00-5060	GASOLINE, OIL & FUEL	463.38
01-2702	PACE SUPPLY CORP	030905	8,332.08	N	120 5-00-5150	REPAIR & REPLACE	8,332.08
01-9	PACIFIC GAS & ELECTRIC CO	030906	10,851.05	N	120 5-00-5192	ELECTRICITY	1,112.07
					130 5-00-5192	ELECTRICITY	9,716.39
					140 5-00-5192	ELECTRICITY	22.59
01-1	MISCELLANEOUS VENDOR	030907	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-1392	MEDIACOM	030908	75.90	N	120 5-00-5110	CONTRACTUAL SERVICES	37.95
					130 5-00-5110	CONTRACTUAL SERVICES	37.95
01-2684	OFFICE DEPOT	030909	158.41	N	120 5-10-5090	OFFICE SUPPLIES	55.21
					120 5-30-5090	OFFICE SUPPLIES	24.00
					130 5-10-5090	OFFICE SUPPLIES	55.21
					130 5-30-5090	OFFICE SUPPLIES	23.99
01-21	CALIFORNIA PUBLIC EMPLOYE	030910	7,085.50	N	120 2088	SURVIVOR BENEFITS - PE	5.86
					120 2090	PERS PAYABLE	1,269.31
					120 5-10-5021	RETIREMENT BENEFITS	1,067.42
					120 5-20-5021	RETIREMENT BENEFITS	316.34
					120 5-30-5021	RETIREMENT BENEFITS	1,136.31
					130 2088	SURVIVOR BENEFITS - PE	5.30
					130 2090	PERS PAYABLE	1,119.90
					130 5-10-5021	RETIREMENT BENEFITS	1,067.39
					130 5-20-5021	RETIREMENT BENEFITS	316.32
					130 5-30-5021	RETIREMENT BENEFITS	781.35
01-11	STATE OF CALIFORNIA EMPLO	030911	1,274.02	N	120 2092	CIT PAYABLE	519.37
					120 2095	S D I PAYABLE	145.74
					120 5-30-5020	EMPLOYEE BENEFITS	2.25
					130 2092	CIT PAYABLE	479.08
					130 2095	S D I PAYABLE	125.31
					130 5-30-5020	EMPLOYEE BENEFITS	2.27

ACCOUNTS PAYABLE  
DISBURSEMENT REPORT

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-1530	VARIABLE ANNUITY LIFE INS	030912	150.00	N	120 2099 130 2099	DEFERRED COMP - 457 PL DEFERRED COMP - PLAN 4	75.00 75.00
01-2781	SAM GARCIA	030913	95.00	N	120 5-30-5175	EDUCATION / SEMINARS	95.00
01-1961	ACWA/JPIA	030914	1,097.68	N	120 5-10-5020 120 5-20-5020 120 5-30-5020 130 5-10-5020 130 5-20-5020 130 5-30-5020	EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS	164.70 95.85 219.76 185.98 117.13 314.26
01-2197	CHASE CARD SERVICES UNITE	030915	19.90	N	120 5-30-5090 130 5-30-5090	OFFICE SUPPLIES OFFICE SUPPLIES	9.95 9.95
01-2788	GHD	030916	1,451.00	N	130 5-00-5122	ENGINEERING SERVICES	1,451.00
01-2302	KAREN JENSEN	030917	88.14	N	120 5-20-5170 130 5-20-5170	TRAVEL MILEAGE TRAVEL MILEAGE	44.07 44.07
01-1189	L & M LOCKSMITHING	030918	74.00	Y	120 5-00-5150 130 5-00-5150	REPAIR & REPLACE REPAIR & REPLACE	37.00 37.00
01-122	LAKE COUNTY RECORD BEE	030919	112.99	N	120 5-10-5080 130 5-10-5080	MEMBERSHIP & SUBSCRIPT MEMBERSHIP & SUBSCRIPT	56.50 56.49
01-2754	MERRILL, ARNONE & JONES,	030920	813.97	Y	120 5-00-5121 130 5-00-5121	LEGAL SERVICES LEGAL SERVICES	406.99 406.98
01-1705	SPECIAL DISTRICT RISK MAN	030921	23,703.69	N	120 5-00-5025 120 5-10-5020 120 5-20-5020 120 5-30-5020 120 5-40-5020 130 5-00-5025 130 5-10-5020 130 5-20-5020 130 5-30-5020 130 5-40-5020 140 5-10-5020 140 5-20-5020 140 5-30-5020	RETIREE HEALTH BENEFIT EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS RETIREE HEALTH BENEFIT EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS EMPLOYEE BENEFITS	849.92 1,469.91 1,469.91 3,259.30 3,486.02 849.91 2,089.74 2,089.74 4,633.68 3,486.01 4.64 4.64 10.27
01-2819	STATE WATER RESOURCES CON	030922	75.00	N	120 5-30-5175	EDUCATION / SEMINARS	75.00
01-2720	TRICERAT	030923	340.00	N	120 5-00-5110 130 5-00-5110	CONTRACTUAL SERVICES CONTRACTUAL SERVICES	170.00 170.00
01-2585	TYLER TECHNOLOGY	030924	121.00	N	120 5-00-5110 130 5-00-5110	CONTRACTUAL SERVICES CONTRACTUAL SERVICES	60.50 60.50
01-1659	WAGNER & BONSIGNORE	030925	150.00	N	130 5-00-5123	OTHER PROFESSIONAL SER	150.00

ACCOUNTS PAYABLE  
DISBURSEMENT REPORT

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-2283	ARMED FORCE PEST CONTROL,	030926	180.00	N	120 5-00-5155	MAINT BLDG & GROUNDS	90.00
					130 5-00-5155	MAINT BLDG & GROUNDS	90.00
01-1479	CLEARLAKE LAVA, INC.	030927	1,667.43	N	120 5-00-5150	REPAIR & REPLACE	1,667.43
01-112	EEL RIVER FUELS, INC.	030928	319.03	N	120 5-00-5060	GASOLINE, OIL & FUEL	159.52
					130 5-00-5060	GASOLINE, OIL & FUEL	159.51
01-2538	HARDESTER'S MARKETS & HAR	030929	202.03	N	120 5-00-5150	REPAIR & REPLACE	91.12
					130 5-00-5150	REPAIR & REPLACE	91.14
					130 5-00-5155	MAINT BLDG & GROUNDS	19.77
01-111	JAMES DAY CONSTRUCTION, I	030930	1,156.51	N	120 5-00-5150	REPAIR & REPLACE	1,156.51
01-129	LAKE LABS	030931	1,800.00	Y	120 5-00-5195	ENV/MONITORING	1,260.00
					130 5-00-5195	ENV/MONITORING	540.00
01-2541	MENDO MILL CLEARLAKE	030932	77.66	N	120 5-00-5155	MAINT BLDG & GROUNDS	77.66
01-2702	PACE SUPPLY CORP	030933	184.34	N	120 5-00-5150	REPAIR & REPLACE	184.34
01-2639	SHAPE INCORPORATED	030934	3,202.06	N	120 5-00-5150	REPAIR & REPLACE	3,202.06
01-2736	SIERRA CHEMICAL CO.	030935	857.94	N	120 5-00-5148	OPERATING SUPPLIES	857.94
01-1751	USA BLUE BOOK	030936	205.22	N	120 5-00-5150	REPAIR & REPLACE	205.22
01-1961	ACWA/JPIA	030938	1,097.68	N	120 5-00-5020	EMPLOYEE BENEFITS	548.84
					130 5-00-5020	EMPLOYEE BENEFITS	548.84
01-8	AT&T	030939	989.07	N	120 5-00-5191	TELEPHONE	494.54
					130 5-00-5191	TELEPHONE	494.53
01-2816	CARDMEMBER SERVICE	030940	4,866.07	N	120 5-00-5150	REPAIR & REPLACE	197.45
					120 5-00-5179	ADM MISC EXPENSE	39.28
					120 5-10-5090	OFFICE SUPPLIES	40.23
					120 5-10-5175	EDUCATION / SEMINARS	604.98
					120 5-20-5175	EDUCATION / SEMINARS	492.47
					120 5-30-5020	EMPLOYEE BENEFITS	108.73
					120 5-30-5175	EDUCATION / SEMINARS	95.00
					130 5-00-5179	ADM MISC EXPENSE	39.28
					130 5-00-5505	WATER CONSERVATION	1,600.00
					130 5-10-5090	OFFICE SUPPLIES	40.22
					130 5-10-5175	EDUCATION / SEMINARS	604.97
					130 5-20-5175	EDUCATION / SEMINARS	492.46
					130 5-30-5020	EMPLOYEE BENEFITS	108.72
					130 5-30-5175	EDUCATION / SEMINARS	402.28
01-2111	CSG SYSTEMS	030941	382.42	N	120 5-00-5110	CONTRACTUAL SERVICES	191.21
					130 5-00-5110	CONTRACTUAL SERVICES	191.21
01-122	LAKE COUNTY RECORD BEE	030942	200.79	N	120 5-00-5130	PRINTING & PUBLICATION	100.40
					130 5-00-5130	PRINTING & PUBLICATION	100.39

A C C O U N T S   P A Y A B L E  
D I S B U R S E M E N T   R E P O R T

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL	G/L		G/L	G/L
			AMOUNT	1099	ACCT NO#	NAME	AMOUNT
01-2607	PATRICIA WILKINSON	030943	147.65	N	120 5-20-5175	EDUCATION / SEMINARS	73.83
					130 5-20-5175	EDUCATION / SEMINARS	73.82
01-1	MISCELLANEOUS VENDOR	030944	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-2804	ROLAND SANFORD	030945	145.77	N	130 5-10-5175	EDUCATION / SEMINARS	145.77
01-2744	ST HELENA HOSPITAL dba JO	030946	258.00	N	120 5-30-5020	EMPLOYEE BENEFITS	129.00
					130 5-30-5020	EMPLOYEE BENEFITS	129.00
01-2819	STATE WATER RESOURCES CON	030947	300.00	N	120 5-30-5175	EDUCATION / SEMINARS	300.00
01-2734	TASHA KLEWE	030948	223.39	N	120 5-10-5175	EDUCATION / SEMINARS	111.69
					130 5-10-5175	EDUCATION / SEMINARS	111.70
01-1	MISCELLANEOUS VENDOR	030949	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-2749	NAPA AUTO PARTS	030950	327.21	N	120 5-00-5061	VEHICLE MAINT	163.60
					130 5-00-5061	VEHICLE MAINT	163.61
01-2702	PACE SUPPLY CORP	030951	2,182.42	N	130 5-00-5150	REPAIR & REPLACE	2,182.42
01-1751	USA BLUE BOOK	030952	1,016.81	N	120 5-00-5150	REPAIR & REPLACE	1,016.81
01-2598	VERIZON WIRELESS	030953	638.59	N	120 5-00-5191	TELEPHONE	319.30
					130 5-00-5191	TELEPHONE	319.29
01-21	CALIFORNIA PUBLIC EMPLOYE	030954	7,069.28	N	120 2088	SURVIVOR BENEFITS - PE	5.20
					120 2090	PERS PAYABLE	1,221.58
					120 5-10-5021	RETIREMENT BENEFITS	1,067.42
					120 5-20-5021	RETIREMENT BENEFITS	316.33
					120 5-30-5021	RETIREMENT BENEFITS	1,022.94
					130 2088	SURVIVOR BENEFITS - PE	5.03
					130 2090	PERS PAYABLE	1,163.10
					130 5-10-5021	RETIREMENT BENEFITS	1,067.39
					130 5-20-5021	RETIREMENT BENEFITS	316.33
					130 5-30-5021	RETIREMENT BENEFITS	883.96
01-11	STATE OF CALIFORNIA EMPLO	030955	1,305.40	N	120 2092	CIT PAYABLE	470.17
					120 2095	S D I PAYABLE	139.33
					120 5-30-5020	EMPLOYEE BENEFITS	4.65
					130 2092	CIT PAYABLE	549.97
					130 2095	S D I PAYABLE	136.61
					130 5-30-5020	EMPLOYEE BENEFITS	4.67
01-1530	VARIABLE ANNUITY LIFE INS	030956	200.00	N	120 2099	DEFERRED COMP - 457 PL	100.00
					130 2099	DEFERRED COMP - PLAN 4	100.00
01-1	MISCELLANEOUS VENDOR	030957	151.34		130 1052	ACCTS REC WATER USE	151.34
01-2699	MICHELLE HAMILTON	030958	625.00	Y	120 5-00-5110	CONTRACTUAL SERVICES	312.50
					130 5-00-5110	CONTRACTUAL SERVICES	312.50

A C C O U N T S   P A Y A B L E  
D I S B U R S E M E N T   R E P O R T

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL	G/L		G/L	G/L
			AMOUNT	1099	ACCT NO#	NAME	AMOUNT
01-2684	OFFICE DEPOT	030959	77.67	N	120 5-20-5090	OFFICE SUPPLIES	16.49
					120 5-30-5090	OFFICE SUPPLIES	22.35
					130 5-20-5090	OFFICE SUPPLIES	16.49
					130 5-30-5090	OFFICE SUPPLIES	22.34
01-2700	REDFORD SERVICES	030960	950.00	Y	120 5-00-5110	CONTRACTUAL SERVICES	475.00
					130 5-00-5110	CONTRACTUAL SERVICES	475.00
01-1	MISCELLANEOUS VENDOR	030961	150.00	N	130 5-00-5505	WATER CONSERVATION	150.00
01-2531	BLUETARP FINANCIAL, INC.	030962	822.45	N	120 5-00-5310	EQUIPMENT - FIELD	525.22
					130 5-00-5310	EQUIPMENT - FIELD	297.23
01-112	EEL RIVER FUELS, INC.	030963	1,146.76	N	120 5-00-5060	GASOLINE, OIL & FUEL	573.38
					130 5-00-5060	GASOLINE, OIL & FUEL	573.38
01-2706	FOXCROFT EQUIPMENT & SERV	030964	454.90	N	120 5-00-5150	REPAIR & REPLACE	454.90
01-1023	HACH COMPANY	030965	533.37	N	120 5-00-5148	OPERATING SUPPLIES	533.37
01-1046	RAINBOW AGRICULTURAL SERV	030966	201.63	N	120 5-00-5155	MAINT BLDG & GROUNDS	100.82
					130 5-00-5155	MAINT BLDG & GROUNDS	100.81
01-2819	STATE WATER RESOURCES CON	030967	170.00	N	120 5-30-5175	EDUCATION / SEMINARS	170.00
01-1751	USA BLUE BOOK	030968	981.75	N	120 5-00-5312	TOOLS - FIELD	100.53
					130 5-00-5150	REPAIR & REPLACE	511.56
					130 5-00-5310	EQUIPMENT - FIELD	269.14
					130 5-00-5312	TOOLS - FIELD	100.52
01-1392	MEDIACOM	030970	75.90	N	120 5-00-5110	CONTRACTUAL SERVICES	37.95
					130 5-00-5110	CONTRACTUAL SERVICES	37.95
01-2804	ROLAND SANFORD	030971	30.84	N	120 5-10-5090	OFFICE SUPPLIES	15.42
					130 5-10-5090	OFFICE SUPPLIES	15.42
01-1705	SPECIAL DISTRICT RISK MAN	030972	29,035.65	N	120 5-00-5074	INSURANCE	14,517.83
					130 5-00-5074	INSURANCE	14,517.82
01-1652	TAMI IPSEN	030973	83.92	N	120 5-10-5170	TRAVEL MILEAGE	41.96
					130 5-10-5170	TRAVEL MILEAGE	41.96
01-2291	DAVE BURNS	030974	157.35	N	120 5-30-5175	EDUCATION / SEMINARS	157.35
01-2743	LAKE COUNTY COURIER EXPRE	030975	1,426.15	N	120 5-00-5110	CONTRACTUAL SERVICES	1,426.15
01-9	PACIFIC GAS & ELECTRIC CO	030976	18,111.91	N	120 5-00-5192	ELECTRICITY	1,589.44
					130 5-00-5192	ELECTRICITY	16,491.84
					140 5-00-5192	ELECTRICITY	30.63
01-21	CALIFORNIA PUBLIC EMPLOYE	030977	7,284.39	N	120 2088	SURVIVOR BENEFITS - PE	6.15
					120 2090	PERS PAYABLE	1,366.20
					120 5-10-5021	RETIREMENT BENEFITS	1,067.42
					120 5-20-5021	RETIREMENT BENEFITS	316.34

ACCOUNTS PAYABLE  
DISBURSEMENT REPORT

VENDOR SET: 01 Hidden Valley Lake

BANK: ALL

VENDOR CLASS(ES): ALL CLASSES

SORTED BY CHECK

VENDOR	NAME	CHECK #	TOTAL AMOUNT	1099	G/L ACCT NO#	G/L NAME	G/L AMOUNT
01-21	CALIFORNIA PUBLIC EMPLOYE	030977	7,284.39	N	** (CONTINUED) **		
					120 5-30-5021	RETIREMENT BENEFITS	1,366.40
					130 2088	SURVIVOR BENEFITS - PE	5.01
					130 2090	PERS PAYABLE	1,081.94
					130 5-10-5021	RETIREMENT BENEFITS	1,067.39
					130 5-20-5021	RETIREMENT BENEFITS	316.32
					130 5-30-5021	RETIREMENT BENEFITS	691.22
01-11	STATE OF CALIFORNIA EMPLO	030978	1,324.08	N	120 2092	CIT PAYABLE	590.35
					120 2095	S D I PAYABLE	165.74
					120 5-30-5020	EMPLOYEE BENEFITS	8.99
					130 2092	CIT PAYABLE	425.49
					130 2095	S D I PAYABLE	124.52
					130 5-30-5020	EMPLOYEE BENEFITS	8.99
01-1530	VARIABLE ANNUITY LIFE INS	030979	250.00	N	120 2099	DEFERRED COMP - 457 PL	125.00
					130 2099	DEFERRED COMP - PLAN 4	125.00

1099 ELIGIBLE	5	4,262.97
1099 EXEMPT	71	<u>164,534.96</u>

\*\*\* REPORT TOTALS \*\*\* 76 168,797.93

\*G / L EXPENSE DISTRIBUTION\*

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
120 2088	SURVIVOR BENEFITS - PERS	17.21
120 2090	PERS PAYABLE	3,857.09
120 2091	FIT PAYABLE	5,542.32
120 2092	CIT PAYABLE	1,579.89
120 2093	SOCIAL SECURITY PAYABLE	185.62
120 2094	MEDICARE PAYABLE	655.06
120 2095	S D I PAYABLE	450.81
120 2099	DEFERRED COMP - 457 PLAN	300.00
120 5-00-5020	EMPLOYEE BENEFITS	548.84
120 5-00-5025	RETIREE HEALTH BENEFITS	849.92
120 5-00-5060	GASOLINE, OIL & FUEL	1,196.29
120 5-00-5061	VEHICLE MAINT	163.60
120 5-00-5074	INSURANCE	14,517.83
120 5-00-5110	CONTRACTUAL SERVICES	2,711.26

A C C O U N T S   P A Y A B L E  
D I S B U R S E M E N T   R E P O R T

VENDOR SET: 01 Hidden Valley Lake

BANK: ALL

VENDOR CLASS(ES): ALL CLASSES

SORTED BY CHECK

## \*G/L EXPENSE DISTRIBUTION\*

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
120 5-00-5121	LEGAL SERVICES	406.99
120 5-00-5130	PRINTING & PUBLICATION	100.40
120 5-00-5148	OPERATING SUPPLIES	1,391.31
120 5-00-5150	REPAIR & REPLACE	16,544.92
120 5-00-5155	MAINT BLDG & GROUNDS	268.48
120 5-00-5179	ADM MISC EXPENSE	39.28
120 5-00-5191	TELEPHONE	813.84
120 5-00-5192	ELECTRICITY	2,701.51
120 5-00-5195	ENV/MONITORING	1,260.00
120 5-00-5310	EQUIPMENT - FIELD	525.22
120 5-00-5312	TOOLS - FIELD	100.53
120 5-10-5010	SALARIES & WAGES	427.47
120 5-10-5020	EMPLOYEE BENEFITS	1,634.61
120 5-10-5021	RETIREMENT BENEFITS	3,202.26
120 5-10-5080	MEMBERSHIP & SUBSCRIPTION	56.50
120 5-10-5090	OFFICE SUPPLIES	110.86
120 5-10-5170	TRAVEL MILEAGE	41.96
120 5-10-5175	EDUCATION / SEMINARS	716.67
120 5-20-5010	SALARIES & WAGES	73.05
120 5-20-5020	EMPLOYEE BENEFITS	1,565.76
120 5-20-5021	RETIREMENT BENEFITS	949.01
120 5-20-5090	OFFICE SUPPLIES	16.49
120 5-20-5170	TRAVEL MILEAGE	44.07
120 5-20-5175	EDUCATION / SEMINARS	566.30
120 5-30-5010	SALARIES & WAGES	333.39
120 5-30-5020	EMPLOYEE BENEFITS	3,732.68
120 5-30-5021	RETIREMENT BENEFITS	3,525.65
120 5-30-5090	OFFICE SUPPLIES	56.30
120 5-30-5175	EDUCATION / SEMINARS	892.35
120 5-40-5010	DIRECTORS COMPENSATION	6.88
120 5-40-5020	EMPLOYEE BENEFITS	3,486.02
	** FUND TOTAL **	78,166.50
130 1052	ACCTS REC WATER USE	151.34
130 2088	SURVIVOR BENEFITS - PERS	15.34
130 2090	PERS PAYABLE	3,364.94
130 2091	FIT PAYABLE	4,895.59
130 2092	CIT PAYABLE	1,454.54
130 2093	SOCIAL SECURITY PAYABLE	186.89
130 2094	MEDICARE PAYABLE	561.85
130 2095	S D I PAYABLE	386.44
130 2099	DEFERRED COMP - PLAN 457 PAYAB	300.00
130 5-00-5020	EMPLOYEE BENEFITS	548.84
130 5-00-5025	RETIREE HEALTH BENEFITS	849.91
130 5-00-5060	GASOLINE, OIL & FUEL	1,196.27
130 5-00-5061	VEHICLE MAINT	163.61
130 5-00-5074	INSURANCE	14,517.82

A C C O U N T S   P A Y A B L E  
D I S B U R S E M E N T   R E P O R T

SORTED BY CHECK

## \*G/L EXPENSE DISTRIBUTION\*

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT
130 5-00-5110	CONTRACTUAL SERVICES	1,285.11
130 5-00-5121	LEGAL SERVICES	406.98
130 5-00-5122	ENGINEERING SERVICES	1,451.00
130 5-00-5123	OTHER PROFESSIONAL SERVICES	150.00
130 5-00-5130	PRINTING & PUBLICATION	100.39
130 5-00-5150	REPAIR & REPLACE	5,309.37
130 5-00-5155	MAINT BLDG & GROUNDS	210.58
130 5-00-5179	ADM MISC EXPENSE	39.28
130 5-00-5191	TELEPHONE	813.82
130 5-00-5192	ELECTRICITY	26,208.23
130 5-00-5195	ENV/MONITORING	540.00
130 5-00-5310	EQUIPMENT - FIELD	566.37
130 5-00-5312	TOOLS - FIELD	100.52
130 5-00-5505	WATER CONSERVATION	2,200.00
130 5-10-5010	SALARIES & WAGES	427.41
130 5-10-5020	EMPLOYEE BENEFITS	2,275.72
130 5-10-5021	RETIREMENT BENEFITS	3,202.17
130 5-10-5080	MEMBERSHIP & SUBSCRIPTION	56.49
130 5-10-5090	OFFICE SUPPLIES	110.85
130 5-10-5170	TRAVEL MILEAGE	41.96
130 5-10-5175	EDUCATION / SEMINARS	862.44
130 5-20-5010	SALARIES & WAGES	73.04
130 5-20-5020	EMPLOYEE BENEFITS	2,206.87
130 5-20-5021	RETIREMENT BENEFITS	948.97
130 5-20-5090	OFFICE SUPPLIES	16.49
130 5-20-5170	TRAVEL MILEAGE	44.07
130 5-20-5175	EDUCATION / SEMINARS	566.28
130 5-30-5010	SALARIES & WAGES	239.76
130 5-30-5020	EMPLOYEE BENEFITS	5,201.59
130 5-30-5021	RETIREMENT BENEFITS	2,356.53
130 5-30-5090	OFFICE SUPPLIES	56.28
130 5-30-5175	EDUCATION / SEMINARS	402.28
130 5-40-5010	DIRECTORS COMPENSATION	8.42
130 5-40-5020	EMPLOYEE BENEFITS	3,486.01
	** FUND TOTAL **	90,558.66
140 5-00-5192	ELECTRICITY	53.22
140 5-10-5020	EMPLOYEE BENEFITS	4.64
140 5-20-5020	EMPLOYEE BENEFITS	4.64
140 5-30-5020	EMPLOYEE BENEFITS	10.27
	** FUND TOTAL **	72.77

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\*\* TOTAL \*\*

168,797.93

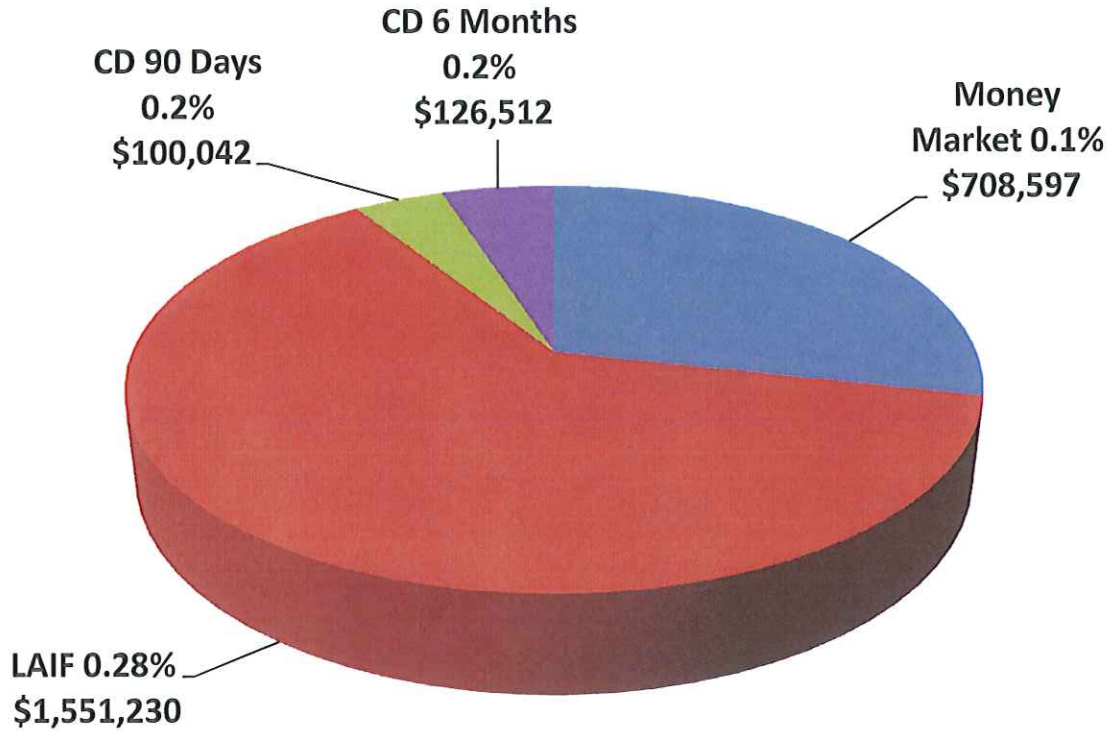
NO ERRORS



**Hidden Valley Lake CSD  
Pooled Cash  
May 31, 2013**

<b>Beginning Balance</b>	<b>\$ 258,540.17</b>
<b>Deposits</b>	
Cash	\$ 275,720.97
Transfers	\$ -
<b>Total Deposits</b>	<b>\$ 275,720.97</b>
<b>Expenditures</b>	
Accounts Payable	\$ 168,797.93
Payroll	\$ 59,190.05
Bank Fees	\$ 1,127.94
<b>Total Expenditures</b>	<b>\$ 229,115.92</b>
<b>Ending Balance</b>	<b>\$ 305,145.22</b>

**HIDDEN VALLEY LAKE CSD  
INVESTMENT REPORT  
May 31, 2013  
\$2,486,381**



Investment	Interest Rate	Interest Earned this Period	Funds Invested
Money Market	0.10%	\$ 61.01	\$ 708,597
LAIF	0.28%	-	\$ 1,551,230
90 Day CD	0.20%	5.00	\$ 100,042
6 Month CD	0.20%	17.92	\$ 126,512
<b>Total Funds Invested</b>			<b>\$ 2,486,381</b>

This report is in compliance with the investment policy set forth by the board of the Hidden Valley Lake Community Services District.

HIDDEN VALLEY LAKE CSD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
YEAR TO DATE MAY 31, 2013

**120-SEWER ENTERPRISE FUND  
REVENUE**

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-4020 PERMIT & INSPECTION FEES	0.00	0.00	300.00	(300.00)	0.00%
120-4036 DEVELOPER SEWER FEES	0.00	0.00	0.00	0.00	0.00%
120-4045 AVAILABILITY FEES	6,000.00	0.00	5,835.47	164.53	97.26%
120-4050 SALES OF RECLAIMED WATER	78,100.00	16,118.95	99,489.13	(21,389.13)	127.39%
120-4111 COMM SEWER USE	20,500.00	1,653.43	18,689.53	1,810.47	91.17%
120-4112 GOV'T SEWER USE	0.00	50.18	50.18	(50.18)	0.00%
120-4116 SEWER USE CHARGES	849,000.00	822.68	723,400.30	125,599.70	85.21%
120-4210 LATE FEE 10%	15,400.00	39.38	13,267.55	2,132.45	86.15%
120-4300 MISC INCOME	700.00	6.18	502.34	197.66	71.76%
120-4310 OTHER INCOME	0.00	0.00	0.00	0.00	0.00%
120-4505 LEASE INCOME	8,400.00	403.70	1,189.60	7,210.40	14.16%
120-4550 INTEREST	0.00	0.00	(1.33)	1.33	0.00%
<b>TOTAL REVENUES</b>	<b>978,100.00</b>	<b>19,094.50</b>	<b>862,722.77</b>	<b>115,377.23</b>	<b>88.20%</b>

HIDDEN VALLEY LAKE CSD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
YEAR TO DATE MAY 31, 2013

**120-SEWER ENTERPRISE FUND**

EXPENDITURES - ALL DEPTS	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
120-5010 SALARY & WAGES	347,800.00	45,653.08	314,568.23	33,231.77	90.45%
120-5020 EMPLOYEE BENEFITS	123,000.00	10,696.00	115,180.26	7,819.74	93.64%
120-5021 RETIREMENT BENEFITS	57,000.00	7,676.92	50,222.89	6,777.11	88.11%
120-5025 RETIREE HEALTH BENEFITS	5,100.00	425.72	5,206.32	(106.32)	102.08%
120-5040 ELECTION EXPENSE	0.00	0.00	0.00	0.00	0.00%
120-5060 GASOLINE, OIL & FUEL	11,800.00	1,196.29	11,649.76	150.24	98.73%
120-5061 VEHICLE MAINT	8,000.00	163.60	5,399.65	2,600.35	67.50%
120-5062 TAXES & LIC	1,000.00	0.00	362.97	637.03	36.30%
120-5074 INSURANCE	17,700.00	14,517.83	14,547.15	3,152.85	82.19%
120-5075 BANK FEES	4,800.00	563.97	6,234.06	(1,434.06)	129.88%
120-5080 MEMBERSHIP & SUBSCRIPTIONS	3,600.00	56.50	5,056.56	(1,456.56)	140.46%
120-5090 OFFICE SUPPLIES	5,400.00	183.65	5,310.99	89.01	98.35%
120-5092 POSTAGE & SHIPPING	2,200.00	0.00	58.15	2,141.85	2.64%
120-5110 CONTRACTUAL SERVICES	29,000.00	2,711.26	37,706.78	(8,706.78)	130.02%
120-5121 LEGAL SERVICES	5,700.00	406.99	10,122.73	(4,422.73)	177.59%
120-5122 ENGINEERING SERVICES	7,500.00	0.00	0.00	7,500.00	0.00%
120-5123 OTHER PROFESSIONAL SERVICE	66,900.00	0.00	61,286.29	5,613.71	91.61%
120-5125 STRATEGIC PLANNING	5,000.00	0.00	0.00	5,000.00	0.00%
120-5130 PRINTING & PUBLICATION	600.00	100.40	281.69	318.31	46.95%
120-5135 NEWSLETTER	700.00	0.00	413.25	286.75	59.04%
120-5140 RENTS & LEASES	0.00	0.00	0.00	0.00	0.00%
120-5145 EQUIPMENT RENTAL	0.00	0.00	26.34	(26.34)	0.00%
120-5148 OPERATING SUPPLIES	8,800.00	1,391.31	11,414.85	(2,614.85)	129.71%
120-5150 REPAIR & REPLACE	72,500.00	16,544.92	66,584.50	5,915.50	91.84%
120-5155 MAINT BLDG & GROUNDS	5,700.00	268.48	4,690.64	1,009.36	82.29%
120-5160 SLUDGE DISPOSAL	22,600.00	0.00	19,908.00	2,692.00	88.09%
120-5170 TRAVEL & MEETINGS	2,500.00	86.03	562.48	1,937.52	22.50%
120-5175 EDUCATION / SEMINARS	11,900.00	2,127.98	8,893.41	3,006.59	74.73%
120-5176 DIRECTOR TRAINING	5,000.00	8.82	272.71	4,727.29	5.45%
120-5179 ADM MISC EXPENSE	0.00	39.28	495.49	(495.49)	0.00%
120-5191 TELEPHONE	9,500.00	813.84	10,082.16	(582.16)	106.13%
120-5192 ELECTRICITY	34,000.00	2,701.51	17,389.00	16,611.00	51.14%
120-5195 ENV/MONITORING	35,400.00	1,260.00	27,085.10	8,314.90	76.51%
120-5198 ANNUAL OPERATING FEES	3,200.00	0.00	2,845.76	354.24	88.93%
120-5310 EQUIPMENT - FIELD	2,300.00	525.22	525.22	1,774.78	22.84%
120-5311 EQUIPMENT - OFFICE	3,400.00	0.00	3,337.61	62.39	98.17%
120-5312 TOOLS - FIELD	1,800.00	100.53	1,895.28	(95.28)	105.29%
120-5315 SAFETY EQUIPMENT	900.00	0.00	0.00	900.00	0.00%
120-5545 RECORDING FEES	200.00	0.00	149.88	50.12	74.94%
120-5580 TRANSFERS OUT	0.00	0.00	0.00	0.00	0.00%
120-5585 FLOOD CONTROL EXPENSE	0.00	0.00	129.27	(129.27)	0.00%
120-5590 NON-OPERATING OTHER	30,100.00	0.00	36,437.50	(6,337.50)	121.05%
120-5591 EXP APPLICABLE TO PRIOR YR	0.00	0.00	0.00	0.00	0.00%
120-5605 OPERATING CONTINGENCY	17,500.00	0.00	0.00	17,500.00	0.00%
120-5650 CAPITAL RESERVES	2,500.00	0.00	0.00	2,500.00	0.00%
<b>TOTAL COMBINED EXPENDITURES</b>	<b>972,600.00</b>	<b>110,220.13</b>	<b>856,332.93</b>	<b>113,767.07</b>	<b>88.05%</b>

HIDDEN VALLEY LAKE CSD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
YEAR TO DATE MAY 31, 2013

**130-WATER ENTERPRISE FUND  
REVENUES**

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-4035 RECONNECT FEES	13,000.00	240.00	9,820.00	3,180.00	75.54%
130-4038 COMM WATER METER INSTALL	0.00	0.00	0.00	0.00	0.00%
130-4039 WATER METER INST	0.00	0.00	400.00	(400.00)	0.00%
130-4040 RECORDING FEES INCOME	300.00	20.00	190.00	110.00	63.33%
130-4045 AVAILABILITY FEES	23,500.00	0.00	23,848.03	(348.03)	101.48%
130-4110 COMM WATER USE	13,800.00	1,151.03	12,661.33	1,138.67	91.75%
130-4112 GOV'T WATER USE	800.00	74.26	816.86	(16.86)	102.11%
130-4115 WATER USE CHARGES	1,024,800.00	914.02	864,531.09	160,268.91	84.36%
130-4117 WATER OVERAGE USE FEE	161,200.00	(48.55)	136,531.44	24,668.56	84.70%
130-4118 WATER OVERAGE COMM	7,400.00	1,744.68	10,388.84	(2,988.84)	140.39%
130-4210 LATE FEE 10%	21,800.00	6.99	19,746.27	2,053.73	90.58%
130-4215 RETURNED CHECK CHARGE	800.00	50.00	625.00	175.00	78.13%
130-4300 MISC INCOME	200.00	7.19	604.89	(404.89)	302.45%
130-4310 OTHER INCOME	0.00	0.00	0.00	0.00	0.00%
130-4505 LEASE INCOME	0.00	565.54	6,564.24	(6,564.24)	0.00%
130-4550 INTEREST	100.00	0.00	25.50	74.50	25.50%
130-4580 TRANSFER IN	0.00	0.00	0.00	0.00	0.00%
<b>TOTAL REVENUES</b>	<b>1,267,700.00</b>	<b>4,725.16</b>	<b>1,086,753.49</b>	<b>180,946.51</b>	<b>85.73%</b>

HIDDEN VALLEY LAKE CSD  
REVENUE & EXPENSE REPORT (UNAUDITED)  
YEAR TO DATE MAY 31, 2013

**130-WATER ENTERPRISE FUND**  
EXPENDITURES - ALL DEPTS

	CURRENT BUDGET	CURRENT PERIOD	YEAR TO DATE ACTUAL	BUDGET BALANCE	% OF BUDGET
130-5010 SALARY & WAGES	377,300.00	39,381.83	306,107.39	71,192.61	81.13%
130-5020 EMPLOYEE BENEFITS	158,000.00	13,170.19	139,228.48	18,771.52	88.12%
130-5021 RETIREMENT BENEFITS	65,400.00	6,507.67	52,359.70	13,040.30	80.06%
130-5025 RETIREE HEALTH BENEFITS	6,300.00	425.70	5,206.17	1,093.83	82.64%
130-5040 ELECTION EXPENSE	0.00	0.00	0.00	0.00	0.00%
130-5050 DEPRECIATION	0.00	0.00	0.00	0.00	0.00%
130-5060 GASOLINE, OIL & FUEL	11,800.00	1,196.27	10,978.30	821.70	93.04%
130-5061 VEHICLE MAINT	8,000.00	163.61	10,165.28	(2,165.28)	127.07%
130-5062 TAXES & LIC	1,000.00	0.00	632.45	367.55	63.25%
130-5074 INSURANCE	15,500.00	14,517.82	14,547.13	952.87	93.85%
130-5075 BANK FEES	4,800.00	563.97	6,234.10	(1,434.10)	129.88%
130-5080 MEMBERSHIP & SUBSCRIPTIONS	16,600.00	56.49	15,545.66	1,054.34	93.65%
130-5090 OFFICE SUPPLIES	5,400.00	183.62	5,233.59	166.41	96.92%
130-5092 POSTAGE & SHIPPING	2,200.00	0.00	58.14	2,141.86	2.64%
130-5110 CONTRACTUAL SERVICES	37,800.00	1,285.11	32,940.77	4,859.23	87.14%
130-5121 LEGAL SERVICES	5,700.00	406.98	10,122.73	(4,422.73)	177.59%
130-5122 ENGINEERING SERVICES	33,800.00	1,451.00	55,422.55	(21,622.55)	163.97%
130-5123 OTHER PROFESSIONAL SERVICE	75,900.00	150.00	118,110.08	(42,210.08)	155.61%
130-5124 WATER RIGHTS	14,700.00	0.00	15,265.37	(565.37)	103.85%
130-5125 STRATEGIC PLANNING	5,000.00	0.00	0.00	5,000.00	0.00%
130-5130 PRINTING & PUBLICATION	600.00	100.39	281.68	318.32	46.95%
130-5135 NEWSLETTER	700.00	0.00	413.25	286.75	59.04%
130-5140 RENT & LEASES	0.00	0.00	0.00	0.00	0.00%
130-5145 EQUIPMENT RENTAL	0.00	0.00	1,779.92	(1,779.92)	0.00%
130-5148 OPERATING SUPPLIES	1,000.00	0.00	1,610.89	(610.89)	161.09%
130-5150 REPAIR & REPLACE	60,000.00	5,309.37	65,231.83	(5,231.83)	108.72%
130-5155 MAINT BLDG & GROUNDS	2,500.00	210.58	3,898.79	(1,398.79)	155.95%
130-5170 MILEAGE	4,000.00	86.03	1,832.58	2,167.42	45.81%
130-5175 EDUC / SEMINARS	14,400.00	1,142.30	7,842.82	6,557.18	54.46%
130-5176 DIRECTOR TRAINING	5,000.00	650.18	949.92	4,050.08	19.00%
130-5179 ADM MISC EXPENSE	0.00	39.28	459.36	(459.36)	0.00%
130-5191 TELEPHONE	9,500.00	813.82	10,076.04	(576.04)	106.06%
130-5192 ELECTRICITY	108,500.00	26,208.23	151,705.38	(43,205.38)	139.82%
130-5195 ENV/MONITORING	6,200.00	540.00	6,446.50	(246.50)	103.98%
130-5198 ANNUAL OPERATING FEES	13,100.00	0.00	22,216.76	(9,116.76)	169.59%
130-5310 EQUIPMENT - FIELD	1,400.00	566.37	566.37	833.63	40.46%
130-5311 EQUIPMENT - OFFICE	3,400.00	0.00	2,833.37	566.63	83.33%
130-5312 TOOLS - FIELD	2,100.00	100.52	1,246.62	853.38	59.36%
130-5315 SAFETY EQUIPMENT	900.00	0.00	0.00	900.00	0.00%
130-5505 WATER CONSERVATION	10,000.00	2,200.00	8,543.75	1,456.25	85.44%
130-5545 RECORDING FEES	400.00	0.00	208.12	191.88	52.03%
130-5580 TRANSFERS OUT (CIEDB)	173,300.00	0.00	173,018.05	281.95	99.84%
130-5585 FLOOD CONTROL	0.00	0.00	94.92	(94.92)	0.00%
130-5590 NON-OPERATING OTHER	0.00	0.00	0.00	0.00	0.00%
130-5591 EXP APPLICABLE TO PRIOR YEAR	0.00	0.00	0.00	0.00	0.00%
<b>TOTAL EXPENDITURES</b>	<b>1,262,200.00</b>	<b>117,427.33</b>	<b>1,259,414.81</b>	<b>2,785.19</b>	<b>99.78%</b>

Board of Directors

JIM FREEMAN

CAROLYN GRAHAM

LINDA HERNDON

JIM LIEBERMAN

JUDY MIRBEGIAN



General Manager  
ROLAND SANFORD

Administrative Assistant  
TAMI IPSEN

Accountant/Controller  
TASHA KLEWE

*Hidden Valley Lake  
Community Services District*

## Memo

To: HVLCSD Board of Directors

From: Roland Sanford, General Manager

Date: June 13, 2013

RE: General Manager's Monthly Report

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This month's regular monthly Board meeting will be largely devoted to the development of the FY 2013-2014 budget and will be followed by a Special Board meeting on June 27, at which time the Board will consider adoption of the final budget for FY 2013-2014. Staff and the Finance Committee have met twice since the May Board meeting to review a variety of fiscal issues and to prepare for the June 18, 2013 Board meeting. During the June 18, 2013 Board meeting staff will present information regarding historical revenues and expenses, forecasted revenues and expenses, a review of the FY 2012-2013 budget – "highlights and low lights", and budget scenarios for FY 2013-2014. Additional information regarding staff's presentation is included in the attached Agenda Summary for the Budget Workshop.

During the Budget Workshop staff will also report on the status of ongoing projects and recommend additional projects for funding in FY 2013-2014. In the meantime, a status summary of the more notable ongoing projects is as follows:

### District Website

KM Creative of Rocklin, California has been retained to develop a new website for the District. Staff and the consultant continue to add narrative content and it is now anticipated that the final version of the new website will be online in late June or early July.

### Financial Wellness Evaluation

NHA Advisors of San Rafael, California has been retained to evaluate the financial position of the District vis-à-vis future borrowing for construction of capital improvement projects. A kick-off meeting was held in late April

to discuss the scope of work and to provide NHA Advisors with additional information regarding the District's finances. NHA Advisors is reviewing the District's most recent financial audit report and is tentatively scheduled to meet with staff in July to finalize the scope of work and project timeline.

#### Water Master Plan/Capital Improvement Plan

Staff is compiling background information on the condition of the District's existing water and sewer infrastructure and the infrastructure needed to accommodate projected population growth within and adjacent to the existing District boundaries. This information will be forwarded to GHD, the District's consulting engineer, for subsequent analysis and preparation of the Water Master Plan/Capital Improvement Plan. Initially it was anticipated that the consultant's involvement in Plan preparation would begin in May 2013 and be funded from the Water Fund's operating budget (130-5122: Engineering Services line item). In order to curtail expenditures from the Water Fund's FY 2012-2013 operating budget, the project has been delayed and pending Board approval, will now be funded from the Water Fund's Capital Improvement budget for FY 2013-2014.

#### Water Rights Petition for Change

The District's water right consultants, Wagner & Bonsignore of Sacramento, California have submitted the District's water rights Petition for Change to the State Water Resources Control Board for review and processing - the first of three major steps that must be taken to amend the District's appropriative water rights. Although submitted nearly five months ago, staff has yet to receive comments on the Petition for Change from the State Water Resources Control Board. Initially it was anticipated that preparation of the Environmental Impact Report (EIR) would begin this fall. However, due in part to the delay in receiving comments, District and Wagner & Bonsignore staff have concluded that it is in the District's best interest to delay EIR preparation until 2014.

#### Treatment Plant Access Road Repair

Portions of the treatment plant access road, between Grange Road and the entrance to the treatment plant grounds, are failing. Accordingly, within the next few years extensive road repairs will most likely be needed to maintain all weather access to the treatment plant. Repair work on a 200-foot long road segment has been completed and staff is proposing to repair two additional segments in FY 2013-2014 using the same geofabric material used to repair the first road segment.

#### Sewer Lift Station Backup Generator and Installation

Staff continues to evaluate bids for the installation of two permanent backup generators, one at Lift Station # 1 and the other at Lift Station # 4. The generators are intended to provide power to the lift station pumps during electrical outages. During storm events, sewer infiltration and inflow, coupled with "base" sewer flows, can quickly accumulate and



unless pumped through the sewer collection system, flood the respective lift stations and spill into adjacent surface drainages. Installation of the new generators is scheduled for completion in early summer.

#### Sewer Lift Station Pump Replacement

New sewer lift station pumps have now been installed at lift stations 1, 4, and 5, and the old pumps refurbished. Staff is proposing to replace additional sewer lift station pumps in FY 2013-2014.

#### Strategic Planning

A draft outline for the strategic plan document has been prepared by staff and circulated to Board members for review and comment.

#### Crazy Creek Development/LAFCO MSR

No activity since May 2012. Staff has not heard from the developer or his consultants since May 2012 and it is presumed that the project will not move forward as currently conceived.

#### Sewer System Management Plan Update

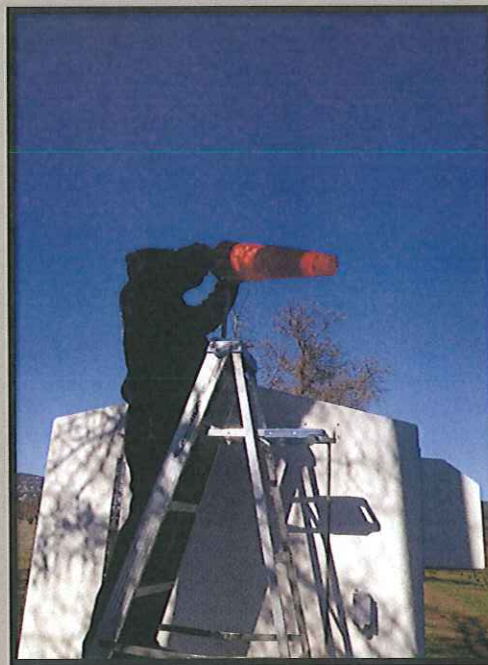
Preparation of a Sewer System Management Plan (SSMP) is required pursuant to State Water Resources Control Board (SWRCB) Order Number 2006-0003-DWQ. The current version of the of the District's SSMP is out of date and incomplete. Preparation of the revised SSMP is proceeding, albeit not as quickly as desired.



# Hidden Valley Lake Community Services District

## May 2013 Report

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# May 2013

## Wastewater Operations and Maintenance Report

### Wastewater:

Installed a chemical pump at lift 4 to disperse formula 52 & Bioxide in order to help control odor. Bioxide and formula 52 were also added to lift stations 1, 4, & 5 wet wells (odor control). Another odor bar was added to lift station 5, and floating degreaser was added to Hardesters and lift station 1. FOG (fats, oil, & grease) control was performed at lift stations 1, 2, & 3. Cleaned floats at lift stations 1, 3, & Hardesters probe.

Hardesters lift station pump had to be unplugged.

Replaced two missing clean out caps in the variable grade sewer system.

Routine activities and maintenance.

### Wastewater Treatment Plant:

Gopher control was performed around the reclaimed water pond levee.

Solectra Tech's are still trying to figure out why the Solar Inverter keeps dropping out in the morning hours.

The sludge beds require more maintenance at this time of year. The Geotube in #4 sludge bed was cut open and is being blended into the remaining beds as part of the drying process.

Shape pulled our sludge bed wet well pumps and took them back to their shop for repairs. Our spare 5 HP flygt pump was used as a replacement until the repaired pumps are ready to go again. The plant lift station pumps were also inspected and replacement parts were ordered; they will be replaced when Shape arrives to replace the sludge bed pumps. We're also looking into a spare 10 HP plant lift station pump, which will eliminate many potential problems, especially during high flow periods of the year.

Industrial Electric repaired our spare W3 water system pumps hollow shaft motor.

Changed out the chlorine analyzer's amp board and sent it in for repair.

CL2 windsock was replaced at the Reclamation Treatment Plant

Eff Pond level - 15.0'

Plant Influent - 5.120 MG

# May 2013

## Water Operations and Maintenance Report

### Water

This month entailed a lot of weed abatement at the plant and some in the subdivision.

Field staff replaced the fuel pump and completed a tune up of truck #6.

A load of scrap metal and miscellaneous materials was delivered and sold to the recycling center at American Canyon. The District received over \$1,000.

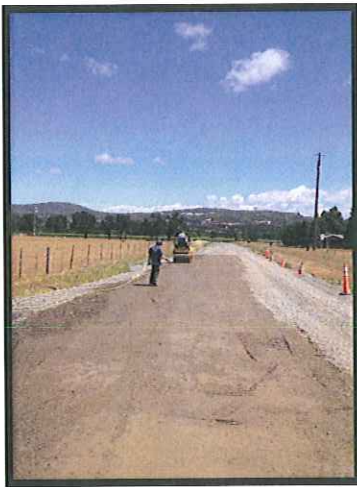
Field Operations finished the first of three road repair projects along the entrance road to the Water Reclamation Plant.

Cleanup maintenance at unit nine.

Flushing part of the distribution system was also preformed as part of our routine maintenance program.

Staff also changed out its annual CL2 regulators and feed line to the chlorine injection point.

Title 22 samples were taken at Hidden Valley Lake.



Finishing road project at the  
Water Reclamation Treatment.



Flushing at Deerhill Road.

# Monthly Report

## May 2013

Rain/month

**MONTHLY RAINFALL**

0"

**Overtime:** = 43.25 hours

\$1,718.06

**SEASON RAINFALL**

0"

(September 2013-April 2014 - winter season)

**WATER CONNECTIONS**

**WASTEWATER CONNECTIONS**

RESIDENTIAL METERS

2412

RESIDENTIAL

1432

COMMERCIAL & GOVERNMENT METERS

34

COMMERCIAL & GOVERNMENT

33

TOTAL METERS

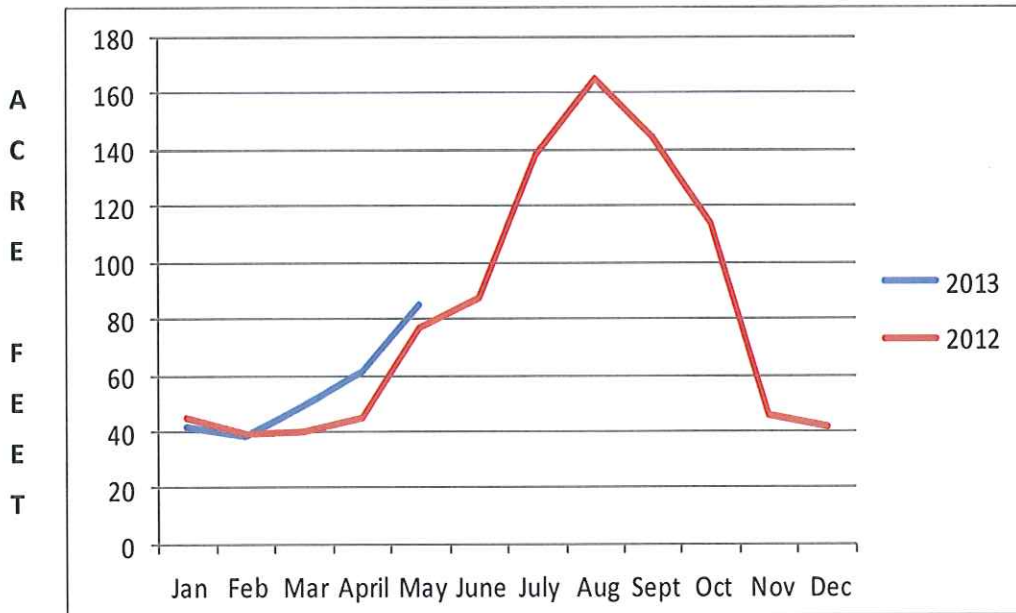
2446

TOTAL

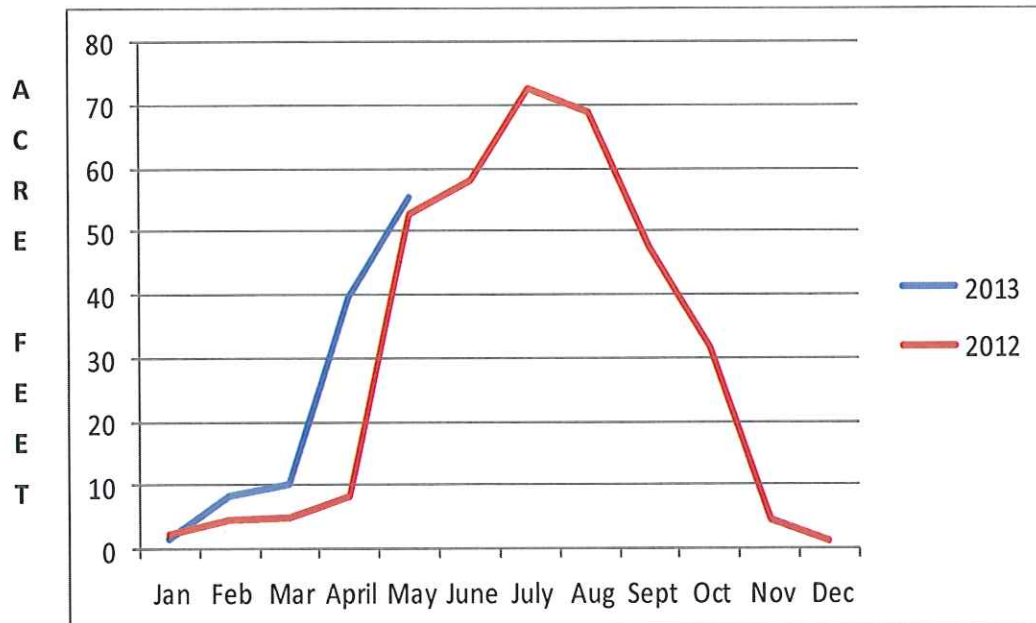
1465

MONTHLY SAFETY MEETING TOPIC -

### WELL PRODUCTION



### RECLAIMED WATER USE



Board of Directors

JIM FREEMAN  
CAROLYN GRAHAM  
LINDA HERNDON  
JIM LIEBERMAN  
JUDY MIRBEGIAN



General Manager  
ROLAND SANFORD

Administrative Assistant  
TAMI IPSEN

Accountant/Controller  
TASHA KLEWE

*Hidden Valley Lake  
Community Services District*

## Memo

To: HVLCSD Board of Directors

From: Roland Sanford, General Manager

Date: June 18, 2013

RE: Background Information for Development of FY 2013-2014 Budget

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### **Operating Revenue/Expense Trends and Forecasts**

#### Water Fund

Operating revenue/expense trends and forecasts for the Water and Sewer funds are depicted in figure 1 and figure 2, respectively. Of the two, the Water Fund has experienced the most dramatic fiscal reversal. Prior to the economic recession, water revenues were actually greater – by approximately \$300,000 – than today. The rate increases in recent years helped but did not completely restore the operating revenue stream to pre-recession levels.

Most if not all of the revenue decline is attributable to changing water use patterns. Prior to the economic recession, total District water use was approximately 25 percent higher than today. Water usage, particularly outdoor use, plummeted as homes fell into foreclosure and landscaping was left to wither. Although the number of residential water connections has rebounded and returned to pre-recession numbers (approximately 2250 connections), the amount of water used by each connection has declined (see figure 3). In summary, the Water Fund revenue stream has declined because the reduction in water use was not completely offset by the coincident rate increases.

Over the last nine years annual Water Fund operating expenses have increased by an average of two percent. However, as depicted in Figure 1, there is considerable “expense wobble” between years. The wobble is partially attributable to weather, which impacts the amount of water that must be treated and delivered in any given year. But also, and generally to a greater degree, by the occurrence of comparatively expensive “one-time” projects, such as the

ongoing Water Rights Petition Project or the recently completed Source Water Capacity investigation – both of which were mandated by regulatory agencies.

In summary, it is anticipated that Water Fund operating expenses will continue to steadily increase, at least in tandem with the increasing cost of living, and will increasingly exceed the current revenue stream.

#### Sewer Fund

The Sewer Fund has also experienced a fiscal reversal – from negative to positive. Sewer Fund revenues were blunted by the recent economic downturn, but not nearly to the extent experienced by the Water Fund. Unlike Water Fund revenues, which are determined by the number of water connections and quantity of water delivered to each connection, sewer revenues are based on the number of connections, without regard to the quantity of sewage generated. Accordingly, a homeowner can reduce water use and their associated water costs, but as long as they occupy their house – irrespective of economic conditions - they will continue to pay the same rate for sewer service.

Over the last nine years annual Sewer Fund operating expenses have increased by an average of 1.5 percent. Although the Sewer Fund expenses tend to “wobble” between years, the year-to-year variation is somewhat muted in comparison to the Water Fund, because historically there have been fewer and generally less costly “one-time” sewer projects, and because prevailing weather conditions generally have less influence on sewer operating costs. Unlike the situation with the Water Fund, the recent sewer rate increases have been sufficient to offset, at least in the short term, the associated operating expenses.

Staff will be presenting additional information regarding operating revenues and expense trends at the June 18, 2013 Budget Workshop.

### **Review of FY 2012-2013**

#### Water Fund Operating Budget

The 2012-2013 fiscal year included one of the driest winters on record. Water usage and in turn revenues have been somewhat higher than initially anticipated – by roughly \$25,000 to \$35,000. Unfortunately, operating expenses have also been higher, and it is now anticipated that at the close of FY 2012-2013 Water Fund operating expenses will exceed the corresponding revenues by approximately \$50,000. Typically, such unanticipated expenses are covered by way of an “operating reserve” or “contingency” fund. For the reasons discussed above, no such monies were allocated for operating reserves in the FY 2012-2013 budget.

The higher than anticipated expenses are largely attributed to increased electrical costs and unanticipated “one-time” projects. During the summer and fall of 2012 the District was obligated to supplement Putah Creek stream flows on a continuous basis and at unprecedented levels. Over 400 acre-feet of groundwater was pumped and discharged to Putah Creek. By comparison, at

the close of this fiscal year it is anticipated that roughly 700 acre-feet of groundwater will have been pumped and used for municipal purposes. The previous high - annual discharge to Putah Creek – was 260 acre-feet. The electrical and labor costs associated with the supplemental Putah Creek stream flow program were approximately \$ 30,000 higher than anticipated. Unlike the electrical costs associated with the pumping of groundwater that is used for municipal purposes – and sold to District customers – there is no such cost recovery associated with the groundwater pumped and discharged to Putah Creek.

Pursuant to California Department of Public Health direction, the District was obligated to perform a “source water capacity evaluation” of the District’s water supply wells in the fall of 2012 – a series of tests designed to evaluate the reliability of the District’s groundwater supply. The good news is that the tests confirmed, to the satisfaction of the California Department of Public Health, the reliability of the District’s water supply. The bad news is that the cost of these tests – approximately \$35,000 – was not anticipated.

Water Fund Capital Improvements Budget

In December 2012 the District received a \$48,121 credit from FEMA – money left over from the storm damage repair work that occurred in 2006 (pipeline repair work at and near Putah Creek). This money was placed in reserve for water infrastructure capital improvements, and a small portion (\$6,000) allocated for replacement of a copy machine and road repair in the 2012-2013 fiscal year. The copy machine was purchased and the road repair work completed for less than \$3,000 dollars.

Sewer Fund Operating Budget

Sewer Fund operating expenses have been well below budgeted levels, while revenues have been somewhat higher than forecasted. It is now anticipated that the 2012-2013 fiscal year will close with a \$85,000 to \$100,000 surplus in the Sewer Fund operating budget. A significant portion of this budgetary surplus is attributable to the District’s solar project, which offset FY 2012-2013 electrical costs - after accounting for the debit service associated with construction of the solar project - by approximately \$30,000. Arguably, another and possibly larger contributing factor is deferred maintenance – an item that will be discussed more fully at the June 18, 2013 budget workshop.

Sewer Fund Capital Improvements Budget

The 2012-2013 fiscal year began with \$234,000 available for sewer infrastructure improvements. In January 2013 most of those funds - \$198,000 – were allocated for the following projects:

Replacement of copy machine at treatment plant	\$2,500
Road Repair	\$10,500
SCADA upgrade	\$30,000
Repair/refurbish pumps	\$65,000
Install Generators (backup power supply)	<u>\$90,000</u>
	\$198,000



As of this writing all but the generators have been installed/completed on time and within budget. Installation of the generators is scheduled for early summer and for fiscal accounting purposes, will now be charged to the 2013-2014 fiscal year.

Staff will be presenting additional information regarding the FY 2012-2013 budget at the June 18, 2013 Budget Workshop.

### **Development of FY 2013-2014 Budget**

Due to the prevailing revenue/expense trends, the FY 2013-2014 budget will in many ways mirror FY 2012-13. The Water Fund continues to be fiscally challenged while the Sewer Fund, at least in the short term, is in much better shape. The FY 2013-2014 revenues for both the Sewer and Water funds are expected to remain essentially unchanged from the prior year. Although considerable progress has been made in reducing expenses, it is highly unlikely that a balanced Water Fund budget, and more specifically, a balanced Water Fund operating budget, can be developed without short-term borrowing from the Sewer Fund. Similar constraints exist with respect to the Water Fund capital improvement budget.

#### Sewer Fund and Water Fund operating budgets

For descriptive purposes, the operating budgets of the Water and Sewer funds can be broken into three components; routine day-to-day expenses, one-time projects, and labor. For the most part, the routine day-to-day expenses for both funds are expected to increase by 0 to 3 percent next fiscal year. Staff has identified three one-time Water Fund projects totaling \$40,000 and three one-time Sewer Fund projects totaling \$33,000 for inclusion in the FY 2013-2014 budget (see table 1).

The attached "Draft Version 3" budget illustrates the impact of the proposed day-to-day and one-time project expenditures (labor costs, other than health insurance and PERS contributions remain unchanged from the prior fiscal year). In this scenario the Sewer Fund operating budget is nominally out of balance (by \$600), the Water Fund operating budget substantially so (by \$109,300). The Draft Version 3 budget scenario is considered a "bare-bones" budget and illustrates why it is highly unlikely that the FY 2013-2014 Water Fund operating budget can be balanced without short-term borrowing from the Sewer Fund.

Last fiscal year the cost of living, as defined by the Bay Area CPI, was 2.4 percent. Assuming the Board was to grant employees a 2 percent COLA for FY 2013-2014, the resulting cost to the District would be \$15,400 (\$7,400 allocated to the Sewer Fund and \$8,000 to the Water Fund). The attached Draft Version 4 budget scenario illustrates the impact of a 2 percent COLA, when added to the projected day-to-day and one-time project expenditures (i.e., the Draft Version 3 budget scenario).

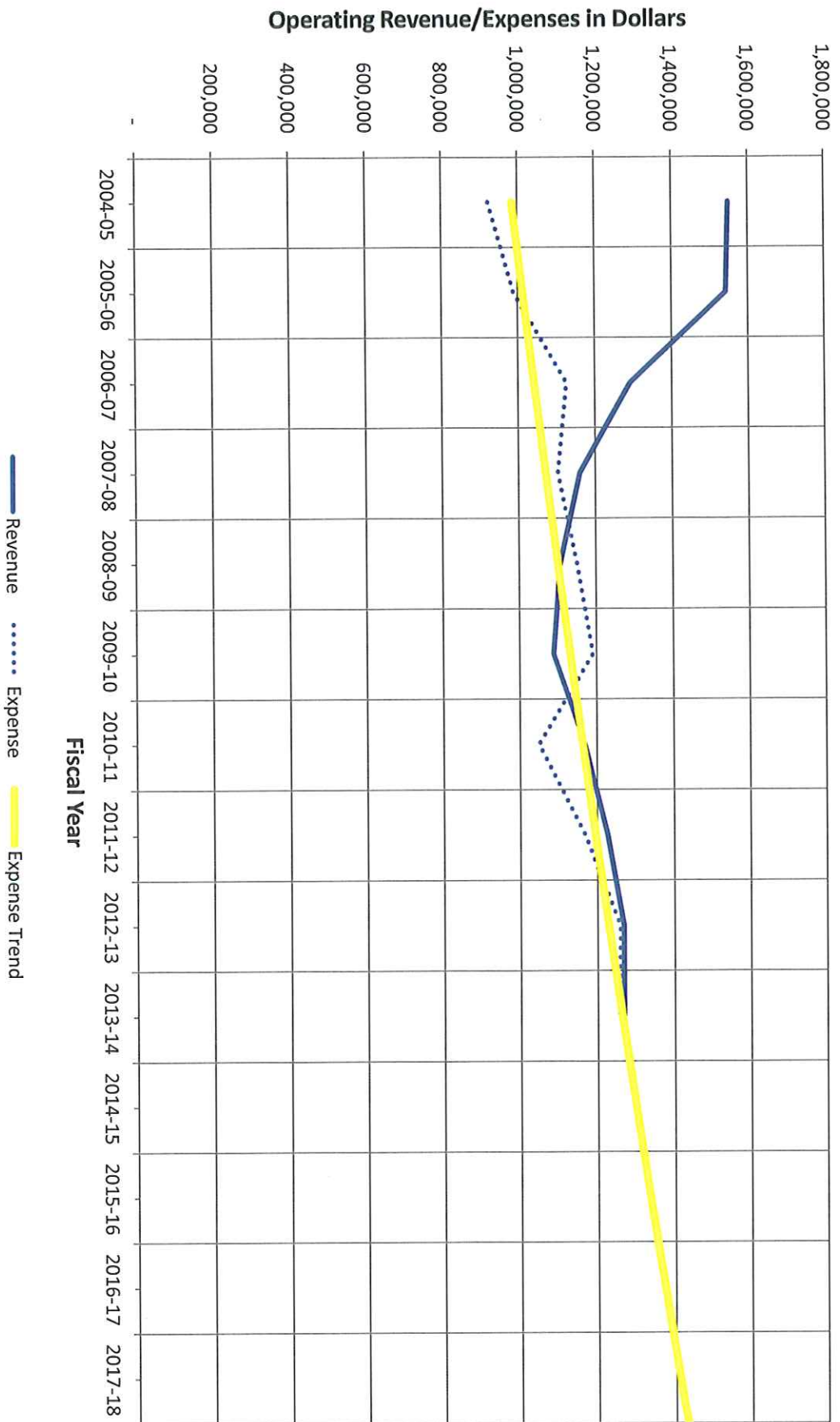
As of this writing, staff has yet to receive the CPS HR Consulting Base Salary Study results. However, from informal conversations with the consultant and a brief review of peer agency salary data from the State Controller's website, it appears that the current base salaries for the District's hourly employees are substantially below market median, in some cases by as much as 25 percent. Note: while base salaries are a key component of employee compensation, they do not by themselves represent the entire compensation "package". Staff is impatiently awaiting receipt of the consultant's report. In the meantime and as a "place holder", should the Board choose to address base salaries, staff has developed the attached Draft Version 7 budget, which illustrates the impact of up to a 20 percent base salary adjustment for the District's hourly employees. In this scenario, the resulting cost to the District would be as much as \$ 113,800 (\$54,400 allocated to the Sewer Fund and \$59,400 allocated to the Water Fund). These base salary costs would be in addition to the anticipated day-to-day and one-time project expenditures presented in the Draft Version 3 budget scenario.

#### Sewer Fund and Water Fund capital improvement budgets

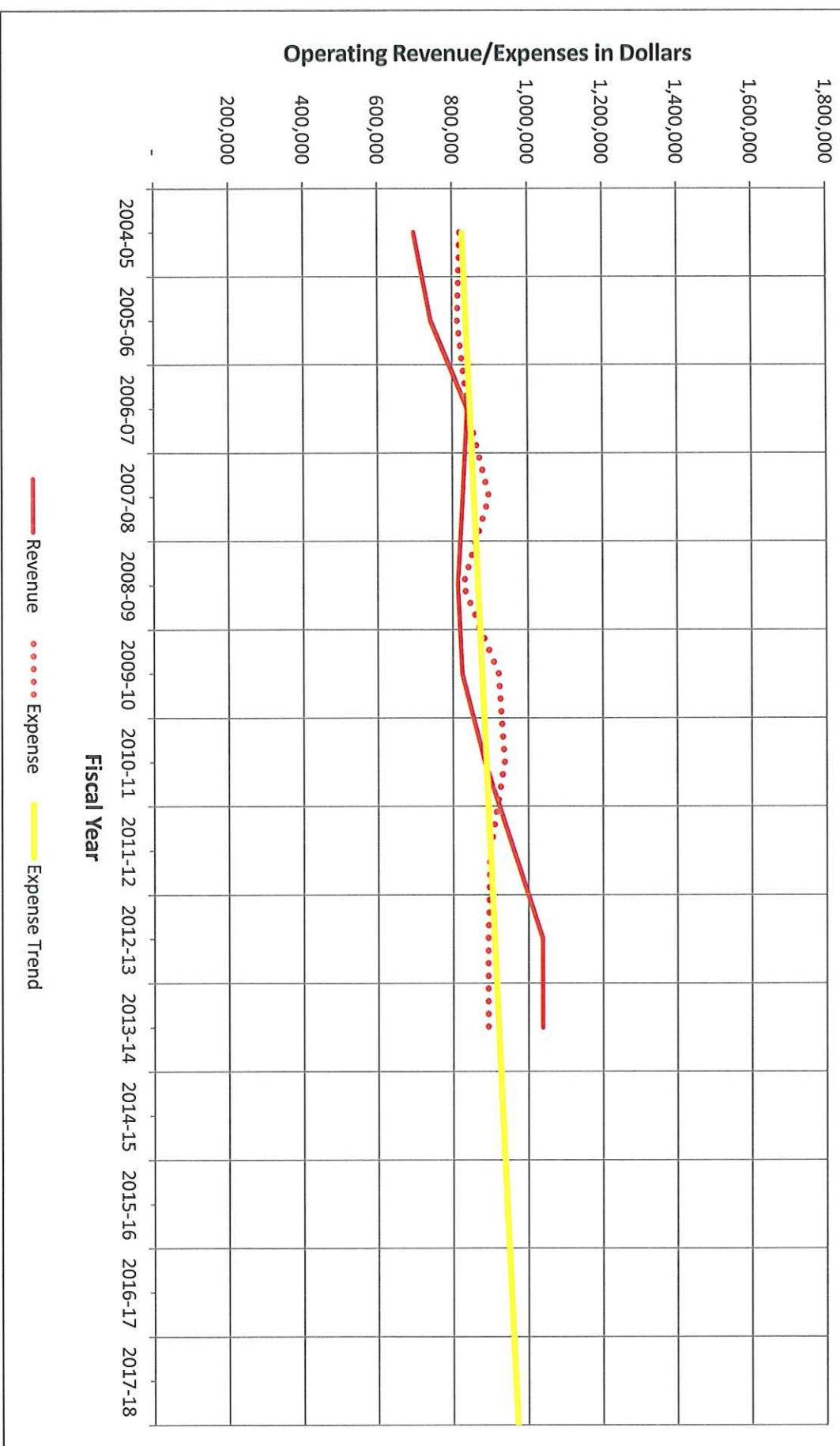
The Water Fund's capital improvement reserves remain largely unchanged from the prior year. Approximately \$50,000 is available for water infrastructure capital improvements. Substantially more money – approximately \$400,000 - is available for sewer infrastructure capital improvements. Staff has identified three high priority Water Fund capital improvement projects totaling \$22,500 and nine high priority Sewer Fund capital improvement projects totaling \$239,000 for inclusion in the FY 2013-2014 budget (table 2).

Staff will be presenting additional information regarding the development of the FY 2013-2014 budget at the June 18, 2013 Budget Workshop.

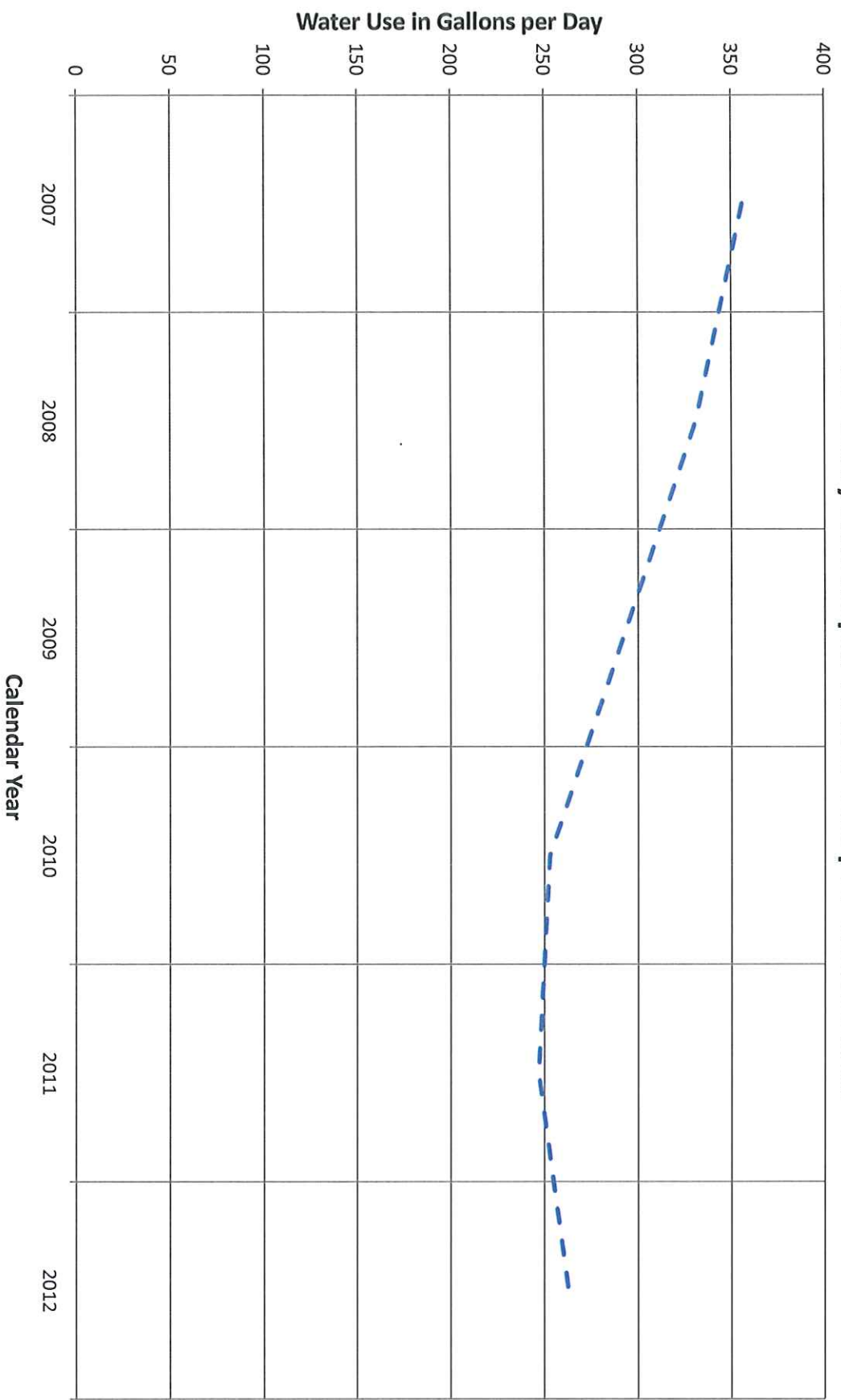
**Figure 1**  
**HVLCSD Annual Water Fund Operating Revenue vs. Expenses**  
(Preliminary Data 6-7-13)



**Figure 2**  
**HVLCSD Annual Sewer Fund Operating Revenue vs. Expenses**  
(Preliminary Data 6-7-13)



**Figure 3**  
**HVLCSD Daily Municipal Water Use per Connection**



**Table 1**

**“One-Time” Projects for 2012-2013 Operating Budgets**

(6-5-13)

SEWER

1) “Other Professional Services”	
Water/Sewer Rate Study	\$ 20,000
2) “Contractual Services”	
“Cloud” server service to replace on-site computer server	\$ 5,500
3) “Equipment –Office” (or alternative budget line item)	
New telephones and associated hardware	<u>\$ 7,500</u>
	<i>TOTAL:</i> \$ 33,000

WATER

1) “Other Professional Services”	
Water/Sewer Rate Study	\$ 20,000
Supplemental Putah Creek Habitat Surveys	\$ 7,000
2) “Contractual Services”	
“Cloud” server service to replace on-site computer server	\$ 5,500
3) “Equipment – Office” (or alternative budget line item)	
New telephones and associated hardware	<u>\$ 7,500</u>
	<i>TOTAL:</i> \$ 40,000

Table 2

FY 2013-2014 CAPITAL ADDITIONS DETAIL

SEWER

Generators (\$90,000)

Install backup generators at lift stations 1 and 4 to maintain ability to pump wastewater during power outages, thereby minimizing potential for spills (note: the installation of these generators was scheduled to occur prior to the close of FY 2012-2013, the project was delayed and is now scheduled to be completed in FY 2013-2014).

Replace/Refurbish Pumps (\$25,000)

Replace or refurbish pumps at lift stations 2,3,6,7 and H to maintain ability to pump wastewater.

SCADA System Upgrades (\$25,000)

Replace miscellaneous SCADA hardware and expand SCADA system to improve monitoring of wastewater operations.

Video inspection of sewer laterals (\$20,000)

Contractor to inspect up to 20,000 feet of sewer lateral pipe using remotely controlled video camera.

Repair sewer lateral leaks (\$20,000)

Contractor to repair sewer lateral leaks identified during previous video inspections.

Prepare Sewer Capital Improvement Plan (\$25,000)

Contractor to prepare Capital Improvement Plan.

Replace 3 computers at treatment plant (\$3,000)

Cost of computers to be split equally between Sewer and Water funds, each fund contributing \$3,000.

Resurface road along top of Reclamation Plant's recycled water storage pond (\$16,500)

Resurface the Reclamation Plant's recycled water storage pond levee crown with gravel to improve vehicular access and minimize erosion.

Gravel access road repair (\$12,500)

Repair two segments of gravel road between Grange Road and treatment plant to ensure all-weather access to District facilities

<b>Total Sewer Capital Improvement Expenditures for FY 2013-2014:</b>	<b>\$239,000</b>
<b>Total Sewer Capital Improvement Funds available:</b>	<b>\$400,000</b>

## WATER

Prepare Revised Water Capital Improvement Plan (\$15,000)

Contractor to revise 2001 Water Master Plan

Replace 3 computers at treatment plant (\$3,000)

Cost of computers to be split equally between Sewer and Water funds, each fund contributing \$3,000.

Repair Water Storage Tank 1A (\$4,500)

Repair leaks

***Total Water Capital Improvement Expenditures for FY 2013-2014:***

***\$22,500***

***Total Water Capital Improvement Funds available:***

***\$50,000***



*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

*DRAFT VERSION 3*

**SEWER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	300	-
Charges for Services	1,017,000	1,010,200
Miscellaneous	20,700	15,000
<b>Total Operating Revenues</b>	<b>1,038,000</b>	<b>1,025,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	493,100	641,300
Insurance	18,000	19,800
Office Expenses	7,900	9,100
Contractual Services	40,800	47,600
Continuing Education	10,800	11,100
Dues and Subscriptions	5,800	6,000
Postage	100	100
Repairs and Maintenance	69,700	73,400
Gas, Fuel, and Oil	12,200	12,600
Supplies	11,700	12,000
Professional Services	87,800	41,700
Travel	600	600
Telephone	10,800	11,100
Power	17,100	20,000
Depreciation	-	-
Other Operating	68,900	73,500
Office and Safety Equipment	3,900	11,500
Director's Compensation	-	-
Environmental Monitoring	30,100	31,000
Water Conservation	-	-
Annual Operating Fees	3,300	3,400
<b>Total Operating Expenses</b>	<b>892,600</b>	<b>1,025,800</b>
<b>Operating Income (Loss)</b>	<b>145,400</b>	<b>(600)</b>

*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

*DRAFT VERSION 3*

**WATER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	400	300
Charges for Services	1,235,400	1,236,100
Miscellaneous	62,970	61,800
<b>Total Operating Revenues</b>	<b>1,298,770</b>	<b>1,298,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	483,900	654,200
Insurance	18,000	19,800
Office Expenses	7,800	9,100
Contractual Services	36,900	43,500
Continuing Education	8,200	8,400
Dues and Subscriptions	18,100	18,600
Postage	100	100
Repairs and Maintenance	85,900	68,400
Gas, Fuel, and Oil	11,400	11,800
Supplies	1,900	1,900
Professional Services	215,100	148,700
Travel	2,000	2,100
Telephone	10,800	11,100
Power	146,400	150,800
Depreciation	-	-
Other Operating	183,800	206,700
Office and Safety Equipment	3,300	10,900
Director's Compensation	-	-
Environmental Monitoring	6,900	7,100
Water Conservation	7,400	7,600
Annual Operating Fees	25,900	26,700
<b>Total Operating Expenses</b>	<b>1,273,800</b>	<b>1,407,500</b>
<b>Operating Income (Loss)</b>	<b>24,970</b>	<b>(109,300)</b>

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 3**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
<b>EXPENDITURES</b>						
5010 SALARY & WAGES	313,600	402,700	28%	311,100	398,600	28%
5010 COLA	0	0	0%	0	0	0%
5020 EMPLOYEE BENEFITS	85,300	113,400	33%	74,700	131,600	76%
5021 RETIREMENT BENEFITS	49,600	75,900	53%	53,500	74,700	40%
5025 RETIREE HEALTH BENEFITS	5,600	5,400	-4%	5,600	5,400	-4%
5030 DIRECTOR MEDICAL BENEFITS	39,000	43,900	13%	39,000	43,900	13%
5040 ELECTION EXPENSE	0	2,500	0%	0	2,500	0%
5060 GASOLINE, OIL & FUEL	12,200	12,600	3%	11,400	11,800	4%
5061 VEHICLE MAINT	6,100	8,000	31%	11,700	12,000	3%
5062 TAXES & LIC	400	400	0%	700	800	14%
5074 INSURANCE	18,000	19,800	10%	18,000	19,800	10%
5075 BANK FEES	6,600	6,800	3%	6,600	6,800	3%
5080 MEMBERSHIP & SUBSCRIPTIONS	5,800	6,000	3%	18,100	18,600	3%
5090 OFFICE SUPPLIES	6,000	6,200	3%	5,900	6,100	3%
5092 POSTAGE & SHIPPING	100	100	0%	100	100	0%
5110 CONTRACTUAL SERVICES	40,800	47,600	17%	36,900	43,500	18%
5121 LEGAL SERVICES	11,300	11,700	4%	11,300	11,700	4%
5122 ENGINEERING SERVICES	0	0	0%	63,000	30,000	-52%
5123 OTHER PROFESSIONAL SERVICE	71,500	30,000	-58%	118,000	97,000	-18%
5124 WATER RIGHTS	0	0	0%	17,800	10,000	-44%
5125 STRATEGIC PLAN	5,000	0	0%	5,000	0	0%
5130 PRINTING & PUBLICATION	200	200	0%	200	200	0%
5135 NEWSLETTER	1,000	2,000	100%	1,000	2,000	100%
5145 EQUIPMENT RENTAL	0	0	0%	2,100	2,100	0%
5148 OPERATING SUPPLIES	11,700	12,000	3%	1,900	1,900	0%
5150 REPAIR & REPLACE	58,400	60,100	3%	69,900	52,000	-26%
5155 MAINT BLDG & GROUNDS	5,200	5,300	2%	4,300	4,400	2%
5160 SLUDGE DISPOSAL	23,200	23,900	3%	0	0	0%
5170 MILEAGE	600	600	0%	2,000	2,100	5%
5175 EDUCATION /SEMINARS	10,500	10,800	3%	7,100	7,300	3%
5176 DIRECTOR TRAINING	300	300	0%	1,100	1,100	0%
5179 ADM MISC EXPENSE	500	500	0%	500	500	0%
5191 TELEPHONE	10,800	11,100	3%	10,800	11,100	3%
5192 ELECTRICITY	17,100	20,000	17%	146,400	150,800	3%
5195 ENV/MONITORING	30,100	31,000	3%	6,900	7,100	3%
5198 ANNUAL OPERATING FEES	3,300	3,400	3%	25,900	26,700	3%
5310 EQUIPMENT - FIELD	0	0	0%	0	0	0%

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 3**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
5311 EQUIPMENT - OFFICE	3,900	11,500	195%	3,300	10,900	230%
5312 TOOLS - FIELD	2,100	2,200	5%	1,300	1,400	8%
5315 SAFETY EQUIPMENT	0	0	0%	0	0	0%
5505 WATER CONSERVATION	0	0	0%	7,400	7,600	3%
5545 RECORDING FEES	200	200	0%	200	300	50%
5580 TRANSFERS OUT (CIEDB)	0	0	0%	173,000	173,000	0%
5585 FLOOD CONTROL	200	200	0%	100	100	0%
5590 NON-OPERATING OTHER	36,400	37,500	3%	0	0	0%
5591 EXPENSES APPLICABLE TO PRIOR YR	0	0	0%	0	0	0%
5600 CONTINGENCY	0	0	0%	0	0	0%
5605 OPERATING CONTINGENCY	0	0	0%	0	0	0%
5650 CAPITAL RESERVES	0	0	0%	0	20,000	0%
5700 OVER / SHORT	0	0	0%	0	0	0%
<b>TOTAL EXPENDITURES</b>	<b>892,600</b>	<b>1,025,800</b>		<b>1,273,800</b>	<b>1,407,500</b>	
		<b>(600)</b>			<b>(109,300)</b>	

Assumptions:

Includes one-time projects

Includes 0% Cost of Living Adjustment

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 3**

**SEWER ENTERPRISE FUND**

	2010-2011 ACTUALS	2011-2012 BUDGET	2011-2012 ACTUALS	2012-2013 BUDGET	2012-2013 EST. ACTUALS	2013-2014 BUDGET
<b>REVENUE</b>						
120-4020 PERMIT & INSPECTION FEES	200	0	0	0	300	0
120-4036 DEVELOPER SEWER FEES	0	0	11,400	0	0	0
120-4045 AVAILABILITY FEES	9,100	6,000	9,200	6,000	11,700	6,000
120-4050 SALES OF RECLAIMED WATER	80,400	62,100	91,300	78,100	113,000	106,500
120-4111 COMMERCIAL SEWER USE	1,300	18,100	17,500	20,500	20,400	20,500
120-4112 GOVERNMENT SEWER USE	16,700	0	2,200	0	600	600
120-4116 SEWER USE CHARGES	786,600	800,900	832,300	849,000	867,100	867,100
120-4210 LATE FEE 10%	14,700	13,600	15,300	15,400	15,900	15,500
120-4300 MISC INCOME	(400)	1,000	800	700	600	600
120-4505 LEASE INCOME	8,400	8,400	8,400	8,400	8,400	8,400
120-4550 INTEREST INCOME	0	0	0	0	0	0
<b>TOTAL REVENUE</b>	<b>917,000</b>	<b>910,100</b>	<b>988,400</b>	<b>978,100</b>	<b>1,038,000</b>	<b>1,025,200</b>

**EXPENDITURES**

120-5010 SALARY & WAGES	414,900	371,700	350,600	350,300	313,600	402,700
120-5010 COLA	9,700	2,400	2,100	0	0	0
120-5020 EMPLOYEE BENEFITS	84,500	86,200	111,900	90,700	85,300	113,400
120-5021 RETIREMENT BENEFITS	43,100	67,500	50,200	57,000	49,600	75,900
120-5025 RETIREE HEALTH BENEFITS	4,400	4,600	5,100	5,100	5,600	5,400
120-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,347	32,300	39,000	43,900
120-5040 ELECTION EXPENSE	0	0	2,400	0	0	2,500
120-5060 GASOLINE, OIL & FUEL	13,400	13,600	12,200	11,800	12,200	12,600
120-5061 VEHICLE MAINT	8,000	8,300	13,400	8,000	6,100	8,000
120-5062 TAXES & LIC	300	400	1,000	1,000	400	400
120-5074 INSURANCE	16,000	17,200	10,100	17,700	18,000	19,800
120-5075 BANK FEES	4,200	3,600	5,200	4,800	6,600	6,800

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 3**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET
120-5080 MEMBERSHIP & SUBSCRIPTIONS	3,000	3,400	3,200	3,600	3,600	5,800	6,000
120-5090 OFFICE SUPPLIES	6,700	6,900	6,600	5,400	5,400	6,000	6,200
120-5092 POSTAGE & SHIPPING	2,000	1,400	2,200	2,200	2,200	100	100
120-5110 CONTRACTUAL SERVICES	44,900	47,200	45,600	29,000	29,000	40,800	47,600
120-5121 LEGAL SERVICES	0	0	2,800	5,700	5,700	11,300	11,700
120-5122 ENGINEERING SERVICES	0	0	(500)	7,500	7,500	0	0
120-5123 OTHER PROFESSIONAL SERVICE	2,100	2,400	23,800	72,400	72,400	71,500	30,000
120-5125 STRATEGIC PLANNING	0	0	0	5,000	5,000	5,000	0
120-5130 PRINTING & PUBLICATION	1,400	1,300	1,000	600	600	200	200
120-5135 NEWSLETTER	1,700	1,200	1,900	700	700	1,000	2,000
120-5145 EQUIPMENT RENTAL	0	0	0	0	0	0	0
120-5148 OPERATING SUPPLIES	11,600	10,700	12,600	8,800	8,800	11,700	12,000
120-5150 REPAIR & REPLACE	55,900	65,300	67,100	72,500	72,500	58,400	60,100
120-5155 MAINT BLDG & GROUNDS	5,200	5,800	8,800	5,700	5,700	5,200	5,300
120-5160 SLUDGE DISPOSAL	17,300	19,900	19,600	22,600	22,600	23,200	23,900
120-5170 TRAVEL & MEETINGS	500	600	900	2,500	2,500	600	600
120-5175 EDUCATION / SEMINARS	5,400	5,100	3,200	11,900	11,900	10,500	10,800
120-5176 DIRECTOR TRAINING	0	0	2,300	5,000	5,000	300	300
120-5179 ADM MISC EXPENSE	200	200	400	0	0	500	500
120-5191 TELEPHONE	13,400	14,100	14,100	9,500	9,500	10,800	11,100
120-5192 ELECTRICITY	78,900	50,000	53,100	34,000	34,000	17,100	20,000
120-5195 ENV/MONITORING	28,300	25,300	24,500	35,400	35,400	30,100	31,000
120-5198 ANNUAL OPERATING FEES	2,400	2,700	2,700	3,200	3,200	3,300	3,400
120-5310 EQUIPMENT - FIELD	3,100	2,200	800	2,300	2,300	0	0
120-5311 EQUIPMENT - OFFICE	600	0	4,800	3,400	3,400	3,900	11,500
120-5312 TOOLS - FIELD	1,700	1,700	900	1,800	1,800	2,100	2,200
120-5315 SAFETY EQUIPMENT	700	700	800	900	900	0	0

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**  
**2013-2014 BUDGET**  
**DRAFT VERSION 3**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	BUDGET
120-5545 RECORDING FEES	200	100	200	200	200	200	200
120-5580 TRANSFERS OUT	0	0	0	0	0	0	0
120-5585 FLOOD CONTROL EXPENSE	0	0	400	0	0	200	200
120-5590 NON-OPERATING OTHER	0	30,000	0	30,100	36,400	37,500	37,500
120-5591 EXPENSES APPLICABLE TO PRIOR Y.	0	0	4,300	0	0	0	0
120-5600 CONTINGENCY	0	0	0	17,500	0	0	0
120-5650 CAPITAL RESERVES	0	0	0	0	0	0	0
<b>TOTAL EXPENDITURES</b>	<b>922,100</b>	<b>910,100</b>	<b>904,647</b>	<b>978,100</b>	<b>892,600</b>	<b>1,025,800</b>	<b>1,025,800</b>

**(600)**

**Assumptions:**

- Includes one-time projects
- Includes 0% Cost of Living Adjustment

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 3**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET	BUDGET
<b>REVENUE</b>								
130-4032 COMM WATER CONNECTIONS	0	0	0	0	0	0	0	0
130-4035 RECONNECT FEES	16,900	16,600	12,800	12,800	12,800	11,500	13,000	13,000
130-4039 WATER METER INSTALLATION	300	300	0	0	0	400	300	300
130-4040 RECORDING FEE INCOME	500	500	400	400	400	170	100	100
130-4045 AVAILABILITY FEES	37,700	24,900	37,800	37,800	37,800	37,800	37,800	37,800
130-4110 COMMERCIAL WATER USE	12,600	13,400	13,400	13,400	13,812	13,800	13,800	13,800
130-4112 GOVERNMENT WATER USE	800	800	800	800	773	900	900	900
130-4115 WATER USE CHARGES	941,600	960,400	999,800	1,024,788	1,036,300	1,036,300	1,036,000	1,036,000
130-4117 WATER OVERAGE USE FEE	138,500	144,000	150,800	161,200	161,200	161,600	161,200	161,200
130-4118 WATER OVERAGE COMMERCIAL	9,200	8,400	11,100	7,440	7,440	11,300	11,200	11,200
130-4210 LATE FEE 10%	20,300	20,800	21,200	21,836	21,836	23,700	23,000	23,000
130-4215 RETURNED CHECK FEE	1,000	900	800	800	800	700	700	700
130-4300 MISC INCOME	1,200	200	200	200	200	600	200	200
130-4310 OTHER INCOME	2,200	2,200	0	0	0	0	0	0
130-4505 LEASE INCOME	100	0	0	0	0	0	0	0
130-4550 INTEREST INCOME	200	900	100	100	100	0	0	0
<b>TOTAL REVENUE</b>	<b>1,183,100</b>	<b>1,194,300</b>	<b>1,249,200</b>	<b>1,281,949</b>	<b>1,281,949</b>	<b>1,298,770</b>	<b>1,298,200</b>	<b>1,298,200</b>
<b>EXPENDITURES</b>								
130-5010 SALARY & WAGES	336,300	417,000	367,100	377,300	377,300	311,100	398,600	398,600
130-5010 COLA	7,400	3,600	3,200	0	0	0	0	0
130-5020 EMPLOYEE BENEFITS	108,500	118,600	119,500	125,700	125,700	74,700	131,600	131,600
130-5021 RETIREMENT BENEFITS	45,300	71,500	60,300	65,400	65,400	53,500	74,700	74,700
130-5025 RETIREE HEALTH BENEFITS	4,400	4,500	5,100	6,300	6,300	5,600	5,400	5,400
100-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,300	32,300	32,300	39,000	43,900	43,900



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

**2013-2014 PRELIMINARY BUDGET**

**DRAFT VERSION 3**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	EST. ACTUALS	BUDGET	EST. ACTUALS	BUDGET	BUDGET
130-5040 ELECTION EXPENSE	0	0	2,400	0	0	0	0	2,500
130-5060 GASOLINE, OIL & FUEL	13,400	13,300	12,200	11,800	11,800	11,400	11,400	11,800
130-5061 VEHICLE MAINT	8,100	8,000	13,400	8,000	8,000	11,700	11,700	12,000
130-5062 TAXES & LIC	5,700	800	1,600	1,000	1,000	700	700	800
130-5074 INSURANCE	10,700	15,000	15,500	15,500	15,500	18,000	18,000	19,800
130-5075 BANK FEES	4,200	3,600	5,200	4,800	4,800	6,600	6,600	6,800
130-5080 MEMBERSHIP & SUBSCRIPTIONS	14,900	13,300	16,000	16,600	16,600	18,100	18,100	18,600
130-5090 OFFICE SUPPLIES	6,600	5,400	6,900	5,400	5,400	5,900	5,900	6,100
130-5092 POSTAGE & SHIPPING	2,100	2,500	2,300	2,200	2,200	100	100	100
130-5110 CONTRACTUAL SERVICES	35,000	28,000	35,500	37,800	37,800	36,900	36,900	43,500
130-5121 LEGAL SERVICES	0	0	2,800	5,700	5,700	11,300	11,300	11,700
130-5122 ENGINEERING SERVICES	19,900	16,000	42,200	33,800	33,800	63,000	63,000	30,000
130-5123 OTHER PROFESSIONAL SERVICE	25,900	23,000	93,000	81,400	81,400	118,000	118,000	97,000
130-5124 WATER RIGHTS	0	0	0	14,700	14,700	17,800	17,800	10,000
130-5125 STRATEGIC PLAN	0	0	0	5,000	5,000	5,000	5,000	0
130-5130 PRINTING & PUBLICATION	1,000	1,000	1,000	600	600	200	200	200
130-5135 NEWSLETTER	1,700	1,100	1,900	700	700	1,000	1,000	2,000
130-5140 RENT & LEASES	1,500	0	0	0	0	0	0	0
130-5145 EQUIPMENT RENTAL	0	0	0	0	0	2,100	2,100	2,100
130-5148 OPERATING SUPPLIES	1,000	1,100	2,900	1,000	1,000	1,900	1,900	1,900
130-5150 REPAIR & REPLACE	71,700	65,000	77,500	60,000	60,000	69,900	69,900	52,000
130-5155 MAINT BLDG & GROUNDS	12,100	5,000	5,200	2,500	2,500	4,300	4,300	4,400
130-5170 MILEAGE	2,100	3,000	4,900	4,000	4,000	2,000	2,000	2,100
130-5175 EDUCATION /SEMINARS	40,100	30,000	13,200	14,400	14,400	7,100	7,100	7,300
130-5176 DIRECTOR TRAINING	0	0	7,800	5,000	5,000	1,100	1,100	1,100
130-5179 ADM MISC EXPENSE	100	0	400	0	0	500	500	500
130-5191 TELEPHONE	9,400	9,500	10,800	9,500	9,500	10,800	10,800	11,100

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 3**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	EST. ACTUALS	BUDGET
130-5192 ELECTRICITY	123,400	120,000	131,500	108,500	146,400	150,800		
130-5195 ENV/MONITORING	8,900	8,500	9,000	6,200	6,900	7,100		
130-5198 ANNUAL OPERATING FEES	26,500	15,000	9,000	13,100	25,900	26,700		
130-5310 EQUIPMENT - FIELD	2,600	1,500	400	1,400	0	0		
130-5311 EQUIPMENT - OFFICE	0	3,600	4,800	3,400	3,300	10,900		
130-5312 TOOLS - FIELD	2,500	2,000	1,400	2,100	1,300	1,400		
130-5315 SAFETY EQUIPMENT	600	1,000	800	900	0	0		
130-5505 WATER CONSERVATION	15,000	15,000	12,800	10,000	7,400	7,600		
130-5545 RECORDING FEES	600	500	300	400	200	300		
130-5580 TRANSFERS OUT (CIEDB)	161,200	131,000	173,300	173,300	173,000	173,000		
130-5585 FLOOD CONTROL	0	0	100	0	100	100		
130-5591 EXP APPLICABLE TO PRIOR YR	0	0	4,300	0	0	0		
130-5650 CAPITAL RESERVES	0	0	0	0	0	20,000		
<b>TOTAL EXPENDITURES</b>	<b>1,166,800</b>	<b>1,194,300</b>	<b>1,309,800</b>	<b>1,267,700</b>	<b>1,273,800</b>	<b>1,407,500</b>		

**(109,300.00)**

Assumptions:

Includes one-time projects

Includes 0% Cost of Living Adjustment

*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

*DRAFT VERSION 4*

**SEWER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	300	-
Charges for Services	1,017,000	1,010,200
Miscellaneous	20,700	15,000
<b>Total Operating Revenues</b>	<b>1,038,000</b>	<b>1,025,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	493,100	648,700
Insurance	18,000	19,800
Office Expenses	7,900	9,100
Contractual Services	40,800	47,600
Continuing Education	10,800	11,100
Dues and Subscriptions	5,800	6,000
Postage	100	100
Repairs and Maintenance	69,700	73,400
Gas, Fuel, and Oil	12,200	12,600
Supplies	11,700	12,000
Professional Services	87,800	41,700
Travel	600	600
Telephone	10,800	11,100
Power	17,100	20,000
Depreciation	-	-
Other Operating	68,900	73,500
Office and Safety Equipment	3,900	11,500
Director's Compensation	-	-
Environmental Monitoring	30,100	31,000
Water Conservation	-	-
Annual Operating Fees	3,300	3,400
<b>Total Operating Expenses</b>	<b>892,600</b>	<b>1,033,200</b>
<b>Operating Income (Loss)</b>	<b>145,400</b>	<b>(8,000)</b>

*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

*DRAFT VERSION 4*

**WATER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	400	300
Charges for Services	1,235,400	1,236,100
Miscellaneous	62,970	61,800
<b>Total Operating Revenues</b>	<b>1,298,770</b>	<b>1,298,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	483,900	662,200
Insurance	18,000	19,800
Office Expenses	7,800	9,100
Contractual Services	36,900	43,500
Continuing Education	8,200	8,400
Dues and Subscriptions	18,100	18,600
Postage	100	100
Repairs and Maintenance	85,900	68,400
Gas, Fuel, and Oil	11,400	11,800
Supplies	1,900	1,900
Professional Services	215,100	148,700
Travel	2,000	2,100
Telephone	10,800	11,100
Power	146,400	150,800
Depreciation	-	-
Other Operating	183,800	206,700
Office and Safety Equipment	3,300	10,900
Director's Compensation	-	-
Environmental Monitoring	6,900	7,100
Water Conservation	7,400	7,600
Annual Operating Fees	25,900	26,700
<b>Total Operating Expenses</b>	<b>1,273,800</b>	<b>1,415,500</b>
<b>Operating Income (Loss)</b>	<b>24,970</b>	<b>(117,300)</b>

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 4**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
<b>EXPENDITURES</b>						
5010 SALARY & WAGES	313,600	401,400	28%	311,100	397,300	28%
5010 COLA	0	7,500	0%	0	8,000	0%
5020 EMPLOYEE BENEFITS	85,300	113,400	33%	74,700	131,600	76%
5021 RETIREMENT BENEFITS	49,600	77,100	55%	53,500	76,000	42%
5025 RETIREE HEALTH BENEFITS	5,600	5,400	-4%	5,600	5,400	-4%
5030 DIRECTOR MEDICAL BENEFITS	39,000	43,900	13%	39,000	43,900	13%
5040 ELECTION EXPENSE	0	2,500	0%	0	2,500	0%
5060 GASOLINE, OIL & FUEL	12,200	12,600	3%	11,400	11,800	4%
5061 VEHICLE MAINT	6,100	8,000	31%	11,700	12,000	3%
5062 TAXES & LIC	400	400	0%	700	800	14%
5074 INSURANCE	18,000	19,800	10%	18,000	19,800	10%
5075 BANK FEES	6,600	6,800	3%	6,600	6,800	3%
5080 MEMBERSHIP & SUBSCRIPTIONS	5,800	6,000	3%	18,100	18,600	3%
5090 OFFICE SUPPLIES	6,000	6,200	3%	5,900	6,100	3%
5092 POSTAGE & SHIPPING	100	100	0%	100	100	0%
5110 CONTRACTUAL SERVICES	40,800	47,600	17%	36,900	43,500	18%
5121 LEGAL SERVICES	11,300	11,700	4%	11,300	11,700	4%
5122 ENGINEERING SERVICES	0	0	0%	63,000	30,000	-52%
5123 OTHER PROFESSIONAL SERVICE	71,500	30,000	-58%	118,000	97,000	-18%
5124 WATER RIGHTS	0	0	0%	17,800	10,000	-44%
5125 STRATEGIC PLAN	5,000	0	0%	5,000	0	0%
5130 PRINTING & PUBLICATION	200	200	0%	200	200	0%
5135 NEWSLETTER	1,000	2,000	100%	1,000	2,000	100%
5145 EQUIPMENT RENTAL	0	0	0%	2,100	2,100	0%
5148 OPERATING SUPPLIES	11,700	12,000	3%	1,900	1,900	0%
5150 REPAIR & REPLACE	58,400	60,100	3%	69,900	52,000	-26%
5155 MAINT BLDG & GROUNDS	5,200	5,300	2%	4,300	4,400	2%
5160 SLUDGE DISPOSAL	23,200	23,900	3%	0	0	0%
5170 MILEAGE	600	600	0%	2,000	2,100	5%
5175 EDUCATION /SEMINARS	10,500	10,800	3%	7,100	7,300	3%
5176 DIRECTOR TRAINING	300	300	0%	1,100	1,100	0%
5179 ADM MISC EXPENSE	500	500	0%	500	500	0%
5191 TELEPHONE	10,800	11,100	3%	10,800	11,100	3%
5192 ELECTRICITY	17,100	20,000	17%	146,400	150,800	3%
5195 ENV/MONITORING	30,100	31,000	3%	6,900	7,100	3%
5198 ANNUAL OPERATING FEES	3,300	3,400	3%	25,900	26,700	3%
5310 EQUIPMENT - FIELD	0	0	0%	0	0	0%

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 4**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
5311 EQUIPMENT - OFFICE	3,900	11,500	195%	3,300	10,900	230%
5312 TOOLS - FIELD	2,100	2,200	5%	1,300	1,400	8%
5315 SAFETY EQUIPMENT	0	0	0%	0	0	0%
5505 WATER CONSERVATION	0	0	0%	7,400	7,600	3%
5545 RECORDING FEES	200	200	0%	200	300	50%
5580 TRANSFERS OUT (CIEDB)	0	0	0%	173,000	173,000	0%
5585 FLOOD CONTROL	200	200	0%	100	100	0%
5590 NON-OPERATING OTHER	36,400	37,500	3%	0	0	0%
5591 EXPENSES APPLICABLE TO PRIOR YR	0	0	0%	0	0	0%
5600 CONTINGENCY	0	0	0%	0	0	0%
5605 OPERATING CONTINGENCY	0	0	0%	0	0	0%
5650 CAPITAL RESERVES	0	0	0%	0	20,000	0%
5700 OVER / SHORT	0	0	0%	0	0	0%
<b>TOTAL EXPENDITURES</b>	<b>892,600</b>	<b>1,033,200</b>		<b>1,273,800</b>	<b>1,415,500</b>	
		<b>(8,000)</b>			<b>(117,300)</b>	

Assumptions:

Includes one-time projects

Includes 2% Cost of Living Adjustment

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 4**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET
<b>REVENUE</b>						
120-4020 PERMIT & INSPECTION FEES	200	0	0	0	300	0
120-4036 DEVELOPER SEWER FEES	0	0	11,400	0	0	0
120-4045 AVAILABILITY FEES	9,100	6,000	9,200	6,000	11,700	6,000
120-4050 SALES OF RECLAIMED WATER	80,400	62,100	91,300	78,100	113,000	106,500
120-4111 COMMERCIAL SEWER USE	1,300	18,100	17,500	20,500	20,400	20,500
120-4112 GOVERNMENT SEWER USE	16,700	0	2,200	0	600	600
120-4116 SEWER USE CHARGES	786,600	800,900	832,300	849,000	867,100	867,100
120-4210 LATE FEE 10%	14,700	13,600	15,300	15,400	15,900	15,500
120-4300 MISC INCOME	(400)	1,000	800	700	600	600
120-4505 LEASE INCOME	8,400	8,400	8,400	8,400	8,400	8,400
120-4550 INTEREST INCOME	0	0	0	0	0	0
<b>TOTAL REVENUE</b>	<b>917,000</b>	<b>910,100</b>	<b>988,400</b>	<b>978,100</b>	<b>1,038,000</b>	<b>1,025,200</b>
<b>EXPENDITURES</b>						
120-5010 SALARY & WAGES	414,900	371,700	350,600	350,300	313,600	401,400
120-5010 COLA	9,700	2,400	2,100	0	0	7,500
120-5020 EMPLOYEE BENEFITS	84,500	86,200	111,900	90,700	85,300	113,400
120-5021 RETIREMENT BENEFITS	43,100	67,500	50,200	57,000	49,600	77,100
120-5025 RETIREE HEALTH BENEFITS	4,400	4,600	5,100	5,100	5,600	5,400
120-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,347	32,300	39,000	43,900
120-5040 ELECTION EXPENSE	0	0	2,400	0	0	2,500
120-5060 GASOLINE, OIL & FUEL	13,400	13,600	12,200	11,800	12,200	12,600
120-5061 VEHICLE MAINT	8,000	8,300	13,400	8,000	6,100	8,000
120-5062 TAXES & LIC	300	400	1,000	1,000	400	400
120-5074 INSURANCE	16,000	17,200	10,100	17,700	18,000	19,800
120-5075 BANK FEES	4,200	3,600	5,200	4,800	6,600	6,800

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 4**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET	BUDGET
120-5080 MEMBERSHIP & SUBSCRIPTIONS	3,000	3,400	3,200	3,600	3,600	5,800	5,800	6,000
120-5090 OFFICE SUPPLIES	6,700	6,900	6,600	5,400	5,400	6,000	6,000	6,200
120-5092 POSTAGE & SHIPPING	2,000	1,400	2,200	2,200	2,200	100	100	100
120-5110 CONTRACTUAL SERVICES	44,900	47,200	45,600	29,000	29,000	40,800	40,800	47,600
120-5121 LEGAL SERVICES	0	0	2,800	5,700	5,700	11,300	11,300	11,700
120-5122 ENGINEERING SERVICES	0	0	(500)	7,500	7,500	0	0	0
120-5123 OTHER PROFESSIONAL SERVICE	2,100	2,400	23,800	72,400	72,400	71,500	71,500	30,000
120-5125 STRATEGIC PLANNING	0	0	0	5,000	5,000	5,000	5,000	0
120-5130 PRINTING & PUBLICATION	1,400	1,300	1,000	600	600	200	200	200
120-5135 NEWSLETTER	1,700	1,200	1,900	700	700	1,000	1,000	2,000
120-5145 EQUIPMENT RENTAL	0	0	0	0	0	0	0	0
120-5148 OPERATING SUPPLIES	11,600	10,700	12,600	8,800	8,800	11,700	11,700	12,000
120-5150 REPAIR & REPLACE	55,900	65,300	67,100	72,500	72,500	58,400	58,400	60,100
120-5155 MAINT BLDG & GROUNDS	5,200	5,800	8,800	5,700	5,700	5,200	5,200	5,300
120-5160 SLUDGE DISPOSAL	17,300	19,900	19,600	22,600	22,600	23,200	23,200	23,900
120-5170 TRAVEL & MEETINGS	500	600	900	2,500	2,500	600	600	600
120-5175 EDUCATION / SEMINARS	5,400	5,100	3,200	11,900	11,900	10,500	10,500	10,800
120-5176 DIRECTOR TRAINING	0	0	2,300	5,000	5,000	300	300	300
120-5179 ADM MISC EXPENSE	200	200	400	0	0	500	500	500
120-5191 TELEPHONE	13,400	14,100	14,100	9,500	9,500	10,800	10,800	11,100
120-5192 ELECTRICITY	78,900	50,000	53,100	34,000	34,000	17,100	17,100	20,000
120-5195 ENV/MONITORING	28,300	25,300	24,500	35,400	35,400	30,100	30,100	31,000
120-5198 ANNUAL OPERATING FEES	2,400	2,700	2,700	3,200	3,200	3,300	3,300	3,400
120-5310 EQUIPMENT - FIELD	3,100	2,200	800	2,300	2,300	0	0	0
120-5311 EQUIPMENT - OFFICE	600	0	4,800	3,400	3,400	3,900	3,900	11,500
120-5312 TOOLS - FIELD	1,700	1,700	900	1,800	1,800	2,100	2,100	2,200
120-5315 SAFETY EQUIPMENT	700	700	800	900	900	0	0	0



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**  
**2013-2014 BUDGET**  
**DRAFT VERSION 4**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET	BUDGET
120-5545 RECORDING FEES	200	100	200	200	200	200	200	200
120-5580 TRANSFERS OUT	0	0	0	0	0	0	0	0
120-5585 FLOOD CONTROL EXPENSE	0	0	400	0	0	200	200	200
120-5590 NON-OPERATING OTHER	0	30,000	0	30,100	36,400	36,400	37,500	37,500
120-5591 EXPENSES APPLICABLE TO PRIOR Y.	0	0	4,300	0	0	0	0	0
120-5600 CONTINGENCY	0	0	0	17,500	0	0	0	0
120-5650 CAPITAL RESERVES	0	0	0	0	0	0	0	0
<b>TOTAL EXPENDITURES</b>	<b>922,100</b>	<b>910,100</b>	<b>904,647</b>	<b>978,100</b>	<b>978,100</b>	<b>892,600</b>	<b>1,033,200</b>	<b>1,033,200</b>

**(8,000)**

**Assumptions:**

- Includes one-time projects
- Includes 2% Cost of Living Adjustment

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 4**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET	BUDGET
<b>REVENUE</b>								
130-4032 COMM WATER CONNECTIONS	0	0	0	0	0	0	0	0
130-4035 RECONNECT FEES	16,900	16,600	12,800	12,800	12,800	11,500	11,500	13,000
130-4039 WATER METER INSTALLATION	300	300	0	0	0	400	400	300
130-4040 RECORDING FEE INCOME	500	500	400	400	400	170	170	100
130-4045 AVAILABILITY FEES	37,700	24,900	37,800	37,800	37,800	37,800	37,800	37,800
130-4110 COMMERCIAL WATER USE	12,600	13,400	13,400	13,400	13,812	13,800	13,800	13,800
130-4112 GOVERNMENT WATER USE	800	800	800	800	773	900	900	900
130-4115 WATER USE CHARGES	941,600	960,400	999,800	1,024,788	1,024,788	1,036,300	1,036,300	1,036,000
130-4117 WATER OVERAGE USE FEE	138,500	144,000	150,800	150,800	161,200	161,600	161,600	161,200
130-4118 WATER OVERAGE COMMERCIAL	9,200	8,400	11,100	7,440	7,440	11,300	11,300	11,200
130-4210 LATE FEE 10%	20,300	20,800	21,200	21,836	21,836	23,700	23,700	23,000
130-4215 RETURNED CHECK FEE	1,000	900	800	800	800	700	700	700
130-4300 MISC INCOME	1,200	200	200	200	200	600	600	200
130-4310 OTHER INCOME	2,200	2,200	0	0	0	0	0	0
130-4505 LEASE INCOME	100	0	0	0	0	0	0	0
130-4550 INTEREST INCOME	200	900	100	100	100	0	0	0
<b>TOTAL REVENUE</b>	<b>1,183,100</b>	<b>1,194,300</b>	<b>1,249,200</b>	<b>1,281,949</b>	<b>1,281,949</b>	<b>1,298,770</b>	<b>1,298,770</b>	<b>1,298,200</b>
<b>EXPENDITURES</b>								
130-5010 SALARY & WAGES	343,700	420,600	370,300	377,300	377,300	311,100	311,100	397,300
130-5010 COLA	7,400	3,600	3,200	0	0	0	0	8,000
130-5020 EMPLOYEE BENEFITS	108,500	118,600	119,500	125,700	125,700	74,700	74,700	131,600
130-5021 RETIREMENT BENEFITS	45,300	71,500	60,300	65,400	65,400	53,500	53,500	76,000
130-5025 RETIREE HEALTH BENEFITS	4,400	4,500	5,100	6,300	6,300	5,600	5,600	5,400
100-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,300	32,300	32,300	39,000	39,000	43,900

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 4**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET
130-5040 ELECTION EXPENSE	0	0	0	2,400	0	0	0	2,500
130-5060 GASOLINE, OIL & FUEL	13,400	13,300	13,300	12,200	11,800	11,800	11,400	11,800
130-5061 VEHICLE MAINT	8,100	8,000	8,000	13,400	8,000	8,000	11,700	12,000
130-5062 TAXES & LIC	5,700	800	800	1,600	1,000	1,000	700	800
130-5074 INSURANCE	10,700	15,000	15,000	15,500	15,500	15,500	18,000	19,800
130-5075 BANK FEES	4,200	3,600	3,600	5,200	4,800	4,800	6,600	6,800
130-5080 MEMBERSHIP & SUBSCRIPTIONS	14,900	13,300	13,300	16,000	16,600	16,600	18,100	18,600
130-5090 OFFICE SUPPLIES	6,600	5,400	5,400	6,900	5,400	5,400	5,900	6,100
130-5092 POSTAGE & SHIPPING	2,100	2,500	2,500	2,300	2,200	2,200	100	100
130-5110 CONTRACTUAL SERVICES	35,000	28,000	28,000	35,500	37,800	37,800	36,900	43,500
130-5121 LEGAL SERVICES	0	0	0	2,800	5,700	5,700	11,300	11,700
130-5122 ENGINEERING SERVICES	19,900	16,000	16,000	42,200	33,800	33,800	63,000	30,000
130-5123 OTHER PROFESSIONAL SERVICE	25,900	23,000	23,000	93,000	81,400	81,400	118,000	97,000
130-5124 WATER RIGHTS	0	0	0	0	14,700	14,700	17,800	10,000
130-5125 STRATEGIC PLAN	0	0	0	0	5,000	5,000	5,000	0
130-5130 PRINTING & PUBLICATION	1,000	1,000	1,000	1,000	600	600	200	200
130-5135 NEWSLETTER	1,700	1,100	1,100	1,900	700	700	1,000	2,000
130-5140 RENT & LEASES	1,500	0	0	0	0	0	0	0
130-5145 EQUIPMENT RENTAL	0	0	0	0	0	0	2,100	2,100
130-5148 OPERATING SUPPLIES	1,000	1,100	1,100	2,900	1,000	1,000	1,900	1,900
130-5150 REPAIR & REPLACE	71,700	65,000	65,000	77,500	60,000	60,000	69,900	52,000
130-5155 MAINT BLDG & GROUNDS	12,100	5,000	5,000	5,200	2,500	2,500	4,300	4,400
130-5170 MILEAGE	2,100	3,000	3,000	4,900	4,000	4,000	2,000	2,100
130-5175 EDUCATION /SEMINARS	40,100	30,000	30,000	13,200	14,400	14,400	7,100	7,300
130-5176 DIRECTOR TRAINING	0	0	0	7,800	5,000	5,000	1,100	1,100
130-5179 ADM MISC EXPENSE	100	0	0	400	0	0	500	500
130-5191 TELEPHONE	9,400	9,500	9,500	10,800	9,500	9,500	10,800	11,100

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 4**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	BUDGET
130-5192 ELECTRICITY	123,400	120,000	131,500	131,500	108,500	146,400	150,800	150,800
130-5195 ENV/MONITORING	8,900	8,500	9,000	9,000	6,200	6,900	7,100	7,100
130-5198 ANNUAL OPERATING FEES	26,500	15,000	9,000	9,000	13,100	25,900	26,700	26,700
130-5310 EQUIPMENT - FIELD	2,600	1,500	400	400	1,400	0	0	0
130-5311 EQUIPMENT - OFFICE	0	3,600	4,800	4,800	3,400	3,300	10,900	10,900
130-5312 TOOLS - FIELD	2,500	2,000	1,400	1,400	2,100	1,300	1,400	1,400
130-5315 SAFETY EQUIPMENT	600	1,000	800	800	900	0	0	0
130-5505 WATER CONSERVATION	15,000	15,000	12,800	12,800	10,000	7,400	7,600	7,600
130-5545 RECORDING FEES	600	500	300	300	400	200	300	300
130-5580 TRANSFERS OUT (CIEDB)	161,200	131,000	173,300	173,300	173,300	173,000	173,000	173,000
130-5585 FLOOD CONTROL	0	0	100	100	0	100	100	100
130-5591 EXP APPLICABLE TO PRIOR YR	0	0	4,300	4,300	0	0	0	0
130-5650 CAPITAL RESERVES	0	0	0	0	0	0	20,000	20,000
<b>TOTAL EXPENDITURES</b>	<b>1,174,200</b>	<b>1,197,900</b>	<b>1,313,000</b>	<b>1,313,000</b>	<b>1,267,700</b>	<b>1,273,800</b>	<b>1,415,500</b>	<b>1,415,500</b>

**(117,300.00)**

Assumptions:

Includes one-time projects

Includes 2% Cost of Living Adjustment

*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

*DRAFT VERSION 7*

**SEWER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	300	-
Charges for Services	1,017,000	1,010,200
Miscellaneous	20,700	15,000
<b>Total Operating Revenues</b>	<b>1,038,000</b>	<b>1,025,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	493,100	695,700
Insurance	18,000	19,800
Office Expenses	7,900	9,100
Contractual Services	40,800	47,600
Continuing Education	10,800	11,100
Dues and Subscriptions	5,800	6,000
Postage	100	100
Repairs and Maintenance	69,700	73,400
Gas, Fuel, and Oil	12,200	12,600
Supplies	11,700	12,000
Professional Services	87,800	41,700
Travel	600	600
Telephone	10,800	11,100
Power	17,100	20,000
Depreciation	-	-
Other Operating	68,900	73,500
Office and Safety Equipment	3,900	11,500
Director's Compensation	-	-
Environmental Monitoring	30,100	31,000
Water Conservation	-	-
Annual Operating Fees	3,300	3,400
<b>Total Operating Expenses</b>	<b>892,600</b>	<b>1,080,200</b>
<b>Operating Income (Loss)</b>	<b>145,400</b>	<b>(55,000)</b>

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 7**

**WATER ENTERPRISE FUND**

	<b>2012/2013</b>	<b>2013/2014</b>
	<b>EST. ACT.</b>	<b>BUDGET</b>
<b>OPERATING REVENUES</b>		
Permits and Inspections	400	300
Charges for Services	1,235,400	1,236,100
Miscellaneous	62,970	61,800
<b>Total Operating Revenues</b>	<b>1,298,770</b>	<b>1,298,200</b>
<b>OPERATING EXPENSES</b>		
Salaries and Benefits	483,900	713,600
Insurance	18,000	19,800
Office Expenses	7,800	9,100
Contractual Services	36,900	43,500
Continuing Education	8,200	8,400
Dues and Subscriptions	18,100	18,600
Postage	100	100
Repairs and Maintenance	85,900	68,400
Gas, Fuel, and Oil	11,400	11,800
Supplies	1,900	1,900
Professional Services	215,100	148,700
Travel	2,000	2,100
Telephone	10,800	11,100
Power	146,400	150,800
Depreciation	-	-
Other Operating	183,800	206,700
Office and Safety Equipment	3,300	10,900
Director's Compensation	-	-
Environmental Monitoring	6,900	7,100
Water Conservation	7,400	7,600
Annual Operating Fees	25,900	26,700
<b>Total Operating Expenses</b>	<b>1,273,800</b>	<b>1,466,900</b>
<b>Operating Income (Loss)</b>	<b>24,970</b>	<b>(168,700)</b>

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 7**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
<b>EXPENDITURES</b>						
5010 SALARY & WAGES	313,600	448,500	43%	311,100	448,600	44%
5010 COLA	0	0	0%	0	0	0%
5020 EMPLOYEE BENEFITS	85,300	113,400	33%	74,700	131,600	76%
5021 RETIREMENT BENEFITS	49,600	84,500	70%	53,500	84,100	57%
5025 RETIREE HEALTH BENEFITS	5,600	5,400	-4%	5,600	5,400	-4%
5030 DIRECTOR MEDICAL BENEFITS	39,000	43,900	13%	39,000	43,900	13%
5040 ELECTION EXPENSE	0	2,500	0%	0	2,500	0%
5060 GASOLINE, OIL & FUEL	12,200	12,600	3%	11,400	11,800	4%
5061 VEHICLE MAINT	6,100	8,000	31%	11,700	12,000	3%
5062 TAXES & LIC	400	400	0%	700	800	14%
5074 INSURANCE	18,000	19,800	10%	18,000	19,800	10%
5075 BANK FEES	6,600	6,800	3%	6,600	6,800	3%
5080 MEMBERSHIP & SUBSCRIPTIONS	5,800	6,000	3%	18,100	18,600	3%
5090 OFFICE SUPPLIES	6,000	6,200	3%	5,900	6,100	3%
5092 POSTAGE & SHIPPING	100	100	0%	100	100	0%
5110 CONTRACTUAL SERVICES	40,800	47,600	17%	36,900	43,500	18%
5121 LEGAL SERVICES	11,300	11,700	4%	11,300	11,700	4%
5122 ENGINEERING SERVICES	0	0	0%	63,000	30,000	-52%
5123 OTHER PROFESSIONAL SERVICE	71,500	30,000	-58%	118,000	97,000	-18%
5124 WATER RIGHTS	0	0	0%	17,800	10,000	-44%
5125 STRATEGIC PLAN	5,000	0	0%	5,000	0	0%
5130 PRINTING & PUBLICATION	200	200	0%	200	200	0%
5135 NEWSLETTER	1,000	2,000	100%	1,000	2,000	100%
5145 EQUIPMENT RENTAL	0	0	0%	2,100	2,100	0%
5148 OPERATING SUPPLIES	11,700	12,000	3%	1,900	1,900	0%
5150 REPAIR & REPLACE	58,400	60,100	3%	69,900	52,000	-26%
5155 MAINT BLDG & GROUNDS	5,200	5,300	2%	4,300	4,400	2%
5160 SLUDGE DISPOSAL	23,200	23,900	3%	0	0	0%
5170 MILEAGE	600	600	0%	2,000	2,100	5%
5175 EDUCATION /SEMINARS	10,500	10,800	3%	7,100	7,300	3%
5176 DIRECTOR TRAINING	300	300	0%	1,100	1,100	0%
5179 ADM MISC EXPENSE	500	500	0%	500	500	0%
5191 TELEPHONE	10,800	11,100	3%	10,800	11,100	3%
5192 ELECTRICITY	17,100	20,000	17%	146,400	150,800	3%
5195 ENV/MONITORING	30,100	31,000	3%	6,900	7,100	3%
5198 ANNUAL OPERATING FEES	3,300	3,400	3%	25,900	26,700	3%
5310 EQUIPMENT - FIELD	0	0	0%	0	0	0%

*HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT*

2013-2014 BUDGET

**DRAFT VERSION 7**

**SEWER / WATER EXPENDITURES**

	SEWER			WATER		
	2012-2013	2013-2014	%	2012-2013	2013-2014	%
	EST. ACT.	BUDGET	CHG	EST. ACT.	BUDGET	CHG
5311 EQUIPMENT - OFFICE	3,900	11,500	195%	3,300	10,900	230%
5312 TOOLS - FIELD	2,100	2,200	5%	1,300	1,400	8%
5315 SAFETY EQUIPMENT	0	0	0%	0	0	0%
5505 WATER CONSERVATION	0	0	0%	7,400	7,600	3%
5545 RECORDING FEES	200	200	0%	200	300	50%
5580 TRANSFERS OUT (CIEDB)	0	0	0%	173,000	173,000	0%
5585 FLOOD CONTROL	200	200	0%	100	100	0%
5590 NON-OPERATING OTHER	36,400	37,500	3%	0	0	0%
5591 EXPENSES APPLICABLE TO PRIOR YR	0	0	0%	0	0	0%
5600 CONTINGENCY	0	0	0%	0	0	0%
5605 OPERATING CONTINGENCY	0	0	0%	0	0	0%
5650 CAPITAL RESERVES	0	0	0%	0	20,000	0%
5700 OVER / SHORT	0	0	0%	0	0	0%
<b>TOTAL EXPENDITURES</b>	<b>892,600</b>	<b>1,080,200</b>		<b>1,273,800</b>	<b>1,466,900</b>	
		<b>(55,000)</b>			<b>(168,700)</b>	

Assumptions:

Includes one-time projects

Includes estimate to achieve market median base salary



**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 7**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET
<b>REVENUE</b>						
120-4020 PERMIT & INSPECTION FEES	200	0	0	0	300	0
120-4036 DEVELOPER SEWER FEES	0	0	11,400	0	0	0
120-4045 AVAILABILITY FEES	9,100	6,000	9,200	6,000	11,700	6,000
120-4050 SALES OF RECLAIMED WATER	80,400	62,100	91,300	78,100	113,000	106,500
120-4111 COMMERCIAL SEWER USE	1,300	18,100	17,500	20,500	20,400	20,500
120-4112 GOVERNMENT SEWER USE	16,700	0	2,200	0	600	600
120-4116 SEWER USE CHARGES	786,600	800,900	832,300	849,000	867,100	867,100
120-4210 LATE FEE 10%	14,700	13,600	15,300	15,400	15,900	15,500
120-4300 MISC INCOME	(400)	1,000	800	700	600	600
120-4505 LEASE INCOME	8,400	8,400	8,400	8,400	8,400	8,400
120-4550 INTEREST INCOME	0	0	0	0	0	0
<b>TOTAL REVENUE</b>	<b>917,000</b>	<b>910,100</b>	<b>988,400</b>	<b>978,100</b>	<b>1,038,000</b>	<b>1,025,200</b>
<b>EXPENDITURES</b>						
120-5010 SALARY & WAGES	414,900	371,700	350,600	350,300	313,600	448,500
120-5010 COLA	9,700	2,400	2,100	0	0	0
120-5020 EMPLOYEE BENEFITS	84,500	86,200	111,900	90,700	85,300	113,400
120-5021 RETIREMENT BENEFITS	43,100	67,500	50,200	57,000	49,600	84,500
120-5025 RETIREE HEALTH BENEFITS	4,400	4,600	5,100	5,100	5,600	5,400
120-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,347	32,300	39,000	43,900
120-5040 ELECTION EXPENSE	0	0	2,400	0	0	2,500
120-5060 GASOLINE, OIL & FUEL	13,400	13,600	12,200	11,800	12,200	12,600
120-5061 VEHICLE MAINT	8,000	8,300	13,400	8,000	6,100	8,000
120-5062 TAXES & LIC	300	400	1,000	1,000	400	400
120-5074 INSURANCE	16,000	17,200	10,100	17,700	18,000	19,800
120-5075 BANK FEES	4,200	3,600	5,200	4,800	6,600	6,800

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 7**

**SEWER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	BUDGET
120-5080 MEMBERSHIP & SUBSCRIPTIONS	3,000	3,400	3,200	3,600	5,800	5,800	6,000
120-5090 OFFICE SUPPLIES	6,700	6,900	6,600	5,400	6,000	6,000	6,200
120-5092 POSTAGE & SHIPPING	2,000	1,400	2,200	2,200	100	100	100
120-5110 CONTRACTUAL SERVICES	44,900	47,200	45,600	29,000	40,800	40,800	47,600
120-5121 LEGAL SERVICES	0	0	2,800	5,700	11,300	11,300	11,700
120-5122 ENGINEERING SERVICES	0	0	(500)	7,500	0	0	0
120-5123 OTHER PROFESSIONAL SERVICE	2,100	2,400	23,800	72,400	71,500	71,500	30,000
120-5125 STRATEGIC PLANNING	0	0	0	5,000	5,000	5,000	0
120-5130 PRINTING & PUBLICATION	1,400	1,300	1,000	600	200	200	200
120-5135 NEWSLETTER	1,700	1,200	1,900	700	1,000	1,000	2,000
120-5145 EQUIPMENT RENTAL	0	0	0	0	0	0	0
120-5148 OPERATING SUPPLIES	11,600	10,700	12,600	8,800	11,700	11,700	12,000
120-5150 REPAIR & REPLACE	55,900	65,300	67,100	72,500	58,400	58,400	60,100
120-5155 MAINT BLDG & GROUNDS	5,200	5,800	8,800	5,700	5,200	5,200	5,300
120-5160 SLUDGE DISPOSAL	17,300	19,900	19,600	22,600	23,200	23,200	23,900
120-5170 TRAVEL & MEETINGS	500	600	900	2,500	600	600	600
120-5175 EDUCATION / SEMINARS	5,400	5,100	3,200	11,900	10,500	10,500	10,800
120-5176 DIRECTOR TRAINING	0	0	2,300	5,000	300	300	300
120-5179 ADM MISC EXPENSE	200	200	400	0	500	500	500
120-5191 TELEPHONE	13,400	14,100	14,100	9,500	10,800	10,800	11,100
120-5192 ELECTRICITY	78,900	50,000	53,100	34,000	17,100	17,100	20,000
120-5195 ENV/MONITORING	28,300	25,300	24,500	35,400	30,100	30,100	31,000
120-5198 ANNUAL OPERATING FEES	2,400	2,700	2,700	3,200	3,300	3,300	3,400
120-5310 EQUIPMENT - FIELD	3,100	2,200	800	2,300	0	0	0
120-5311 EQUIPMENT - OFFICE	600	0	4,800	3,400	3,900	3,900	11,500
120-5312 TOOLS - FIELD	1,700	1,700	900	1,800	2,100	2,100	2,200
120-5315 SAFETY EQUIPMENT	700	700	800	900	0	0	0

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 BUDGET

**DRAFT VERSION 7**

**SEWER ENTERPRISE FUND**

	2010-2011 ACTUALS	2011-2012 BUDGET	2011-2012 ACTUALS	2012-2013 BUDGET	2012-2013 EST. ACTUALS	2013-2014 BUDGET
120-5545 RECORDING FEES	200	100	200	200	200	200
120-5580 TRANSFERS OUT	0	0	0	0	0	0
120-5585 FLOOD CONTROL EXPENSE	0	0	400	0	200	200
120-5590 NON-OPERATING OTHER	0	30,000	0	30,100	36,400	37,500
120-5591 EXPENSES APPLICABLE TO PRIOR Y.	0	0	4,300	0	0	0
120-5600 CONTINGENCY	0	0	0	17,500	0	0
120-5650 CAPITAL RESERVES	0	0	0	0	0	0
<b>TOTAL EXPENDITURES</b>	<b>922,100</b>	<b>910,100</b>	<b>904,647</b>	<b>978,100</b>	<b>892,600</b>	<b>1,080,200</b>

Assumptions:

Includes one-time projects

Includes estimate to achieve market median base salary

**(55,000)**

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 7**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	BUDGET	EST. ACTUALS	BUDGET	BUDGET
<b>REVENUE</b>								
130-4032 COMM WATER CONNECTIONS	0	0	0	0	0	0	0	0
130-4035 RECONNECT FEES	16,900	16,600	12,800	12,800	12,800	11,500	13,000	13,000
130-4039 WATER METER INSTALLATION	300	300	0	0	0	400	300	300
130-4040 RECORDING FEE INCOME	500	500	400	400	400	170	100	100
130-4045 AVAILABILITY FEES	37,700	24,900	37,800	37,800	37,800	37,800	37,800	37,800
130-4110 COMMERCIAL WATER USE	12,600	13,400	13,400	13,812	13,812	13,800	13,800	13,800
130-4112 GOVERNMENT WATER USE	800	800	800	773	773	900	900	900
130-4115 WATER USE CHARGES	941,600	960,400	999,800	1,024,788	1,024,788	1,036,300	1,036,000	1,036,000
130-4117 WATER OVERAGE USE FEE	138,500	144,000	150,800	161,200	161,200	161,600	161,200	161,200
130-4118 WATER OVERAGE COMMERCIAL	9,200	8,400	11,100	7,440	7,440	11,300	11,200	11,200
130-4210 LATE FEE 10%	20,300	20,800	21,200	21,836	21,836	23,700	23,000	23,000
130-4215 RETURNED CHECK FEE	1,000	900	800	800	800	700	700	700
130-4300 MISC INCOME	1,200	200	200	200	200	600	200	200
130-4310 OTHER INCOME	2,200	2,200	0	0	0	0	0	0
130-4505 LEASE INCOME	100	0	0	0	0	0	0	0
130-4550 INTEREST INCOME	200	900	100	100	100	0	0	0
<b>TOTAL REVENUE</b>	<b>1,183,100</b>	<b>1,194,300</b>	<b>1,249,200</b>	<b>1,281,949</b>	<b>1,281,949</b>	<b>1,298,770</b>	<b>1,298,200</b>	<b>1,298,200</b>
<b>EXPENDITURES</b>								
130-5010 SALARY & WAGES	336,300	417,000	367,100	377,300	377,300	311,100	448,600	448,600
130-5010 COLA	7,400	3,600	3,200	0	0	0	0	0
130-5020 EMPLOYEE BENEFITS	108,500	118,600	119,500	125,700	125,700	74,700	131,600	131,600
130-5021 RETIREMENT BENEFITS	45,300	71,500	60,300	65,400	65,400	53,500	84,100	84,100
130-5025 RETIREE HEALTH BENEFITS	4,400	4,500	5,100	6,300	6,300	5,600	5,400	5,400
100-5030 DIRECTOR HEALTH BENEFITS	36,400	36,400	32,300	32,300	32,300	39,000	43,900	43,900

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 7**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	BUDGET
130-5040 ELECTION EXPENSE	0	0	2,400	0	0	0	0	2,500
130-5060 GASOLINE, OIL & FUEL	13,400	13,300	12,200	11,800	11,800	11,400	11,400	11,800
130-5061 VEHICLE MAINT	8,100	8,000	13,400	8,000	8,000	11,700	11,700	12,000
130-5062 TAXES & LIC	5,700	800	1,600	1,000	1,000	700	700	800
130-5074 INSURANCE	10,700	15,000	15,500	15,500	15,500	18,000	18,000	19,800
130-5075 BANK FEES	4,200	3,600	5,200	4,800	4,800	6,600	6,600	6,800
130-5080 MEMBERSHIP & SUBSCRIPTIONS	14,900	13,300	16,000	16,600	16,600	18,100	18,100	18,600
130-5090 OFFICE SUPPLIES	6,600	5,400	6,900	5,400	5,400	5,900	5,900	6,100
130-5092 POSTAGE & SHIPPING	2,100	2,500	2,300	2,200	2,200	100	100	100
130-5110 CONTRACTUAL SERVICES	35,000	28,000	35,500	37,800	37,800	36,900	36,900	43,500
130-5121 LEGAL SERVICES	0	0	2,800	5,700	5,700	11,300	11,300	11,700
130-5122 ENGINEERING SERVICES	19,900	16,000	42,200	33,800	33,800	63,000	63,000	30,000
130-5123 OTHER PROFESSIONAL SERVICE	25,900	23,000	93,000	81,400	81,400	118,000	118,000	97,000
130-5124 WATER RIGHTS	0	0	0	14,700	14,700	17,800	17,800	10,000
130-5125 STRATEGIC PLAN	0	0	0	5,000	5,000	5,000	5,000	0
130-5130 PRINTING & PUBLICATION	1,000	1,000	1,000	600	600	200	200	200
130-5135 NEWSLETTER	1,700	1,100	1,900	700	700	1,000	1,000	2,000
130-5140 RENT & LEASES	1,500	0	0	0	0	0	0	0
130-5145 EQUIPMENT RENTAL	0	0	0	0	0	2,100	2,100	2,100
130-5148 OPERATING SUPPLIES	1,000	1,100	2,900	1,000	1,000	1,900	1,900	1,900
130-5150 REPAIR & REPLACE	71,700	65,000	77,500	60,000	60,000	69,900	69,900	52,000
130-5155 MAINT BLDG & GROUNDS	12,100	5,000	5,200	2,500	2,500	4,300	4,300	4,400
130-5170 MILEAGE	2,100	3,000	4,900	4,000	4,000	2,000	2,000	2,100
130-5175 EDUCATION /SEMINARS	40,100	30,000	13,200	14,400	14,400	7,100	7,100	7,300
130-5176 DIRECTOR TRAINING	0	0	7,800	5,000	5,000	1,100	1,100	1,100
130-5179 ADM MISC EXPENSE	100	0	400	0	0	500	500	500
130-5191 TELEPHONE	9,400	9,500	10,800	9,500	9,500	10,800	10,800	11,100

**HIDDEN VALLEY LAKE COMMUNITY SERVICES DISTRICT**

2013-2014 PRELIMINARY BUDGET

**DRAFT VERSION 7**

**WATER ENTERPRISE FUND**

	2010-2011	2011-2012	2011-2012	2011-2012	2012-2013	2012-2013	2012-2013	2013-2014
	ACTUALS	BUDGET	ACTUALS	BUDGET	EST. ACTUALS	BUDGET	EST. ACTUALS	BUDGET
130-5192 ELECTRICITY	123,400	120,000	131,500	108,500	146,400	150,800		150,800
130-5195 ENV/MONITORING	8,900	8,500	9,000	6,200	6,900	7,100		7,100
130-5198 ANNUAL OPERATING FEES	26,500	15,000	9,000	13,100	25,900	26,700		26,700
130-5310 EQUIPMENT - FIELD	2,600	1,500	400	1,400	0	0		0
130-5311 EQUIPMENT - OFFICE	0	3,600	4,800	3,400	3,300	10,900		10,900
130-5312 TOOLS - FIELD	2,500	2,000	1,400	2,100	1,300	1,400		1,400
130-5315 SAFETY EQUIPMENT	600	1,000	800	900	0	0		0
130-5505 WATER CONSERVATION	15,000	15,000	12,800	10,000	7,400	7,600		7,600
130-5545 RECORDING FEES	600	500	300	400	200	300		300
130-5580 TRANSFERS OUT (CIEDB)	161,200	131,000	173,300	173,300	173,000	173,000		173,000
130-5585 FLOOD CONTROL	0	0	100	0	100	100		100
130-5591 EXP APPLICABLE TO PRIOR YR	0	0	4,300	0	0	0		0
130-5650 CAPITAL RESERVES	0	0	0	0	0	20,000		20,000
<b>TOTAL EXPENDITURES</b>	<b>1,166,800</b>	<b>1,194,300</b>	<b>1,309,800</b>	<b>1,267,700</b>	<b>1,273,800</b>	<b>1,466,900</b>		<b>1,466,900</b>

**(168,700.00)**

Assumptions:

Includes one-time projects

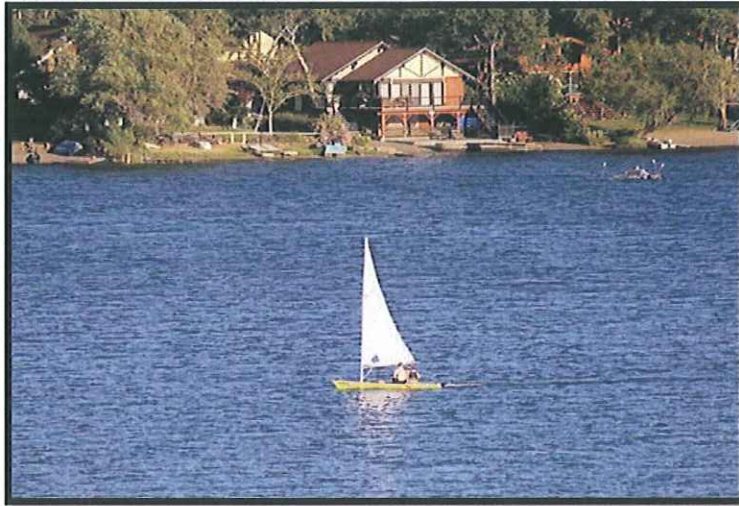
Includes estimate to achieve market median base salary

# HVLA Lake Monitoring Report

May 19, 2013: (#8 for 2013)

Monitor: D'Agostini

Special thanks to Friend of the Lake member Bill Watson, for providing the On-The-Water monitoring assistance, as well as his boat, on the morning of May 16<sup>th</sup>.



The following observations are intended as a *SNAPSHOT* of conditions on and around our Lake.

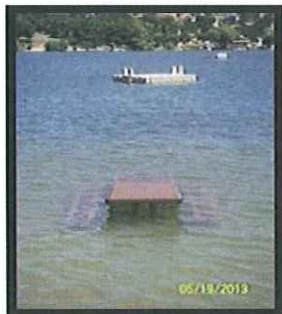
## SolarBees

SolarBee 'A' (North Cove):	Operational
SolarBee 'B' (Off Marina Cove):	Operational
SolarBee 'C' (Big Beach/South Cove):	Operational
SolarBee 'D' (Near Dam):	Operational

## Maintenance Requests by Location: (May 19<sup>th</sup>)

### Big Beach:

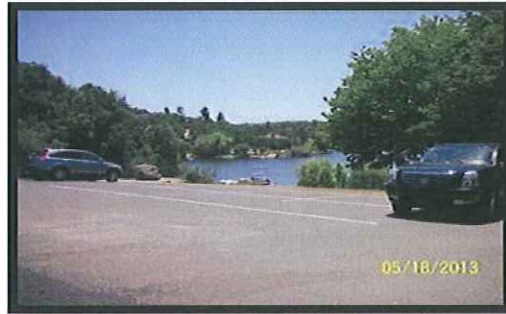
- Big Beach Park Stair Railing: Missing upper section next to the parking lot.
- One Picnic Table has been moved into the Lake.



- Railing bolts, next to the Pier's T-section, are loose and about to fall out. (South Cove side.)

**Marina:**

- **Marina Launch Ramp (*Below Water Line*):** Needs to be cleaned regularly. There is a buildup of algae and sediment making the surface very slick.
- **Marina Parking Lot:**



*Signs are needed to prevent people from parking in spots designated for boat trailers. (Also, the old parking stripes need to be covered.)*

- **Old Rental Pier:** The pier's garbage can is missing.

**North Shore Park:**

- **Dog Waste Bags:** More are needed in the waste bag dispenser.
- **Park Trash Cans:** Need to be emptied.
- **One Metal Canoe:** This boat has been laying off to the eastern edge of the park, near the beach, for a few weeks. I haven't seen any I.D. markings to date.

**Swimmer's Itch information is currently featured on our Lake Reports web page**

Swimmer's Itch season is currently underway. Last year, Swimmer's Itch symptoms affected some of our Lake's swimmers until around the middle of June. Typically, the actual number of complaints will vary from year to year.

Please read Jim Freeman's featured article for the precautions you should take when swimming in our Lake's waters over the next couple of months.

## **Recreational Water Sampling**

*California Water Quality Testing (Title 22) and Recreational Water Safety (Bacti) Sampling:* CSD will now conduct Title 22 water Sampling and Testing on a three year cycle at three locations: At Marina; off Marine View Runoff Channel; and in Mouth of Coyote Creek. Next scheduled Title 22 Sampling will occur in 2013. CSD will begin conducting their weekly Bacti water sampling at Little Beach and Big Beach for this summer, in the next few weeks.





## Lake Water Observations

### Weather Conditions @ 10:00 am:

**5.16.13:**      Air Temp. : 60°      Humidity: 64%      Winds: N @ 7 mph

WX: Overcast      Lake Surface: Small Waves

Moon Phase: First Quarter (May 18<sup>th</sup> to May 24<sup>th</sup>)

### Water Temperatures

	<u>Surface</u>	<u>- 5'</u>	<u>- 10'</u>	<u>- 15'</u>	<u>- 20'</u>	<u>- 25'</u>	<u>- 30'</u>	<u>- 35'</u>	<u>- 40'</u>	<u>- 45'</u>	<u>- 50'</u>
Marine View	72.6°	72.4°	71.2°	65.6°	59.2°	51.3°	49.8°				
Little Beach	72.4°										
North Shore Point	72.3°	72.2°	70.9°	68.0°	59.1°	49.7°	48.7°	48.5°			
Dam /SolarBee 'D'	72.4°	72.1°	71.3°	66.7°	58.0°	50.8°	48.7°	48.2°	48.1°	48.0°	47.9°
Big Beach	72.8°	72.7°	72.7°	68.7°							
SE Shoreline (Tintorri)	72.8°	72.7°	72.5°	67.7°	55.7°	51.8°	49.6°				
<i>Average Surface Temp:</i>	72.6°										

The Maximum Temp at - 5':      The Minimum Temp at - 30':      Temp at - 50':

05/16/13	72.7°	+7.6°		48.7°	+0.5°		47.9°
04/23/13	65.1°	+2.9°		48.2°	+0.7°		47.6°
04/03/13	62.2°	+4.0°		47.5°	+0.1°		47.2°
03/18/13	58.2°	+4.1°		47.4°	+0.5°		-----
03/02/13	54.1°	+3.8°		46.9°	+0.2°		-----
02/26/13	50.3°	+1.9°		46.7°	+0.9°		-----
02/04/13	48.4°	+1.5°		45.8°	+0.1°		-----
01/31/13	46.9°	-0.3°		45.7°	-0.3°		-----

## Lake Water Clarity [Seechi Disc] Measurements

	05/16/13	04/23/13
Overall Lake Clarity: 5 Locations	12.4'	12.4'
Marine View	13.0'	12.0'
North Shore Point	13.0'	13.0'
Dam /SolarBee 'D'	13.0'	13.0'
Big Beach	11.0'	12.0'
SE Shoreline (Tintorri) site	12.0'	12.0'

### Creek & Stream Inflows

Coyote Creek:	Dry
Little Beach (Perennial):	Flowing
Marine View Creek:	Dry
Marina Cove (Perennial):	Flowing
North Cove Channel:	Flowing

### Spillway: Lake Water Level on 5.19.13: (Approximately -6" below Full Pool)

- The Lake Level fell below Full Pool on 04.18.13.
- The Lake Level rose to Full Pool on 11.30.12.
- The approximate water level is measured at the west shore marker pier and within the Coyote Creek Cove when possible.
- All Safety Buoys at Spillway are floating in place.

### The Pond below the Dam

<u>Water Temperatures:</u>	<u>Surface</u>	<u>- 5'</u>	<u>- 10'</u>	<u>- 15'</u>	<u>- 20'</u>	<u>- 25'</u>
05/14/13	73.0°	71.7°	66.9°	61.4°	54.6°	53.2°
04/23/13	67.8°	65.8°	61.9°	57.3°	52.8°	52.0°
04/03/13	66.2°	62.0°	58.0°	53.3°	50.8°	50.6°
03/18/13	61.5°	58.2°	52.8°	50.8°	49.6°	49.5°
03/02/13	57.8°	53.5°	50.5°	49.2°	48.7°	48.6°
02/26/13	56.9°	51.8°	50.3°	49.0°	48.5°	48.4°
<u>Water Clarity [Seechi Disc] Measurements:</u>	<u>05/14/13</u>	<u>04/23/13</u>	<u>04/03/13</u>			
	8.0'	10.0'	8.0'			

## Aquatic Weeds: Current Status & Trends

Overall, the Lake still looks really good at the moment except for some weeds that are starting to appear in the shallow areas next to the shoreline.

Most notable are a couple of large patches of Algae between the Marina and the North Cove, as well as some American and Leafy pondweed appearing along the shoreline of the Lake between Little Beach and North Shore Park.

*Tyler and Bill from Clean Lakes, Inc. will be advising us, over the next couple of weeks, on an appropriate strategy that will allow us to maintain the health of our Lake over the upcoming months.*

**Coontail:** One small patch was observed growing in the Marina Cove as well as in the South cove.

**Elodea:** *No new growth to report and has yet to be observed in 2013.*

### **Eurasian Water Milfoil:**

- A few weeds can be seen, under the water, near the shoreline in the following locations: Big Beach Pier, Levy Cove, next to the Marina launch ramp, the west side of the North Cove as well as near the shoreline against the North Shore Pier.

**Pondweed (American & Leafy):** New growth can be seen near the shoreline in the following locations:

- Below the Marina Launch ramp.
- Some small patches are growing between the Marina and the North Cove.
- Both types of Pondweed can be seen growing between Little Beach and North Shore Park.
- A couple of patches can now be seen near the shoreline within the South Cove.

**Primrose:** At present, Primrose can be seen starting to grow in many locations around the shoreline; generally extending out by about 3 or 4 feet.

**Tules, Cattail, and possibly Bulrush, or Reed Grass:** Tall green shoots can now be seen around our shoreline, especially with the Cattails growing in the Coyote Creek Cove.

**Water Lilies:** These can be seen growing within the shallow areas of the Coyote Creek Cove.

### **Non-Native weeds:**

Planned Spray (non-Fish Habitat) Areas (North Shore Point north to Little Beach to North Cove; south along NE shoreline to Marina; Marina Cove west along SE shoreline to point at South Cove; and at Big Beach):

- The 1<sup>st</sup> Aquatic Weed treatment of 2012 occurred on May 17<sup>th</sup>.
- The 2<sup>nd</sup> Aquatic Weed treatment of 2012 occurred on June 9<sup>th</sup>.

## Observations by Location

### Lake Surface (103 Acres):

- Water Clarity, when measured over 5 locations, is currently at **12.4'**.

**Marina conditions: Offshore**      **Some Eurasian Water Milfoil and Pondweed can be seen growing near the Launch Ramp.**

**Marina Parking Lot:**      Signs need to be posted to prevent cars from parking in areas designated for boat trailers. (Also, cover the old parking stripes.)

**Marina Park area:**      Clean

**Marina's New Rental Pier:** Clean and Secure.

**Marina's Old Rental Pier:** Clean. However, there is a missing trash can.

**Marina Courtesy Pier:**      Clean and Secure

**Marina Launch Ramp:**      Clean above the water.  
Below the water, the ramp's surface is very slick with Algae.

**Marine View Creek (annual):**      *Dry*  
**Offshore Conditions:**      **A few 3' clumps of Algae can be seen floating near the shoreline. Some Milfoil and Pondweed can also be seen.**

**North Cove: Run-Off Channel:**      *Flowing*  
**Offshore Conditions:**      Clean with a couple of Eurasian Water Milfoil plants near the Little Beach swim ropes.

**Little Beach: Perennial Creek:**      *Flowing*

- People present: +40 @ 1:30 pm on 5.18.13 (Most of the people were part of a large party.)
- Children's Swim Ropes (Lane Lines) remain in place for restricted swimming area.
- All of the outer "Swim Area" warning Buoys are in place.
- *New Sand has been added to the beach for this summer. The Beach sand is currently clean and smooth.*
- Water: Mostly clean with some Algae.

**North Shore Park:** People present: None @ 1:00 pm on 5.18.13

- The sand on the beach is clean and free of trash.
- **Park Trash Cans:** Needs to be emptied.

#### **Offshore Conditions:**

- A few Eurasian Water Milfoil weeds can now be seen growing next to the water's edge.

**North Shore Park Fishing Pier:** Clean and Secure.

- People present: 1 Fisherman @ 1:00 pm on 5.18.13

**Coyote Creek:** *Dry*

- The Coyote Creek Cove filled with water on 11.29.12 as the Lake approached Full Pool.
- The top of the NE-side silt berm buildup is under about 3 inches of water.
- Some Primrose is growing around the edges of Coyote Creek Cove.
- Cattails along the NE side of the channel have fast growing green shoots.

**Dam / Spillway:** 1 Squirrel was seen on the Dam.

**Western Littoral / Levy Cove:**

**Offshore Conditions:**

- Some Eurasian Water Milfoil can now be seen underwater growing up against the shore within the center of Levy Cove.

**Big Beach:**

- *New Sand has been added to the beach for this summer. The Beach sand is currently clean and smooth.*
- One Picnic Table has been moved into the Lake. It's currently sitting in 4' of water.

**Big Beach Diving Platforms:** Mostly Clean

**Big Beach Cove Fishing Pier:** Clean. However, some Pier railing bolts are coming loose.  
(See photo on page 1)

**Offshore Conditions:**

- One Eurasian Water Milfoil weed can now be seen growing next to the Pier.
- Some Pondweed can also be seen growing in the shallowest areas.

**Big Beach Park:**

- **Big Beach Park Stair Railing:** There is a missing upper section next to the parking lot.

**South Cove:**

**Offshore Conditions:** Mostly Clean

- However, a small patch of Coontail was found growing next to a private pier.
- Some Pondweed can be seen growing towards the Big Beach Fishing Pier.

**Marina Cove: Main Perennial Creek:** *Flowing*

**Offshore Conditions:** 1 small patch of Coontail was spotted towards the middle of the Cove.

**Boating / Fishing / Swimming Activity:**

- 1 Lake Swimmer was seen crossing the Lake on the morning of 5.16.13.

**Lake Birds: 5.16.13**

15 Canadian Geese

1 Blue Heron

**Critters and Varmints**

1 Northern River Otter (Pond on 5.14.13)

1 Squirrel on the Dam (5.16.13)

**Our next Lake Committee meeting: Wednesday, June 5<sup>th</sup> @ 6:30 p.m. in HVLA's Activity Center.**

Sincerely,

Steve D'Agostini

[dagostini18367@att.net](mailto:dagostini18367@att.net)

707-987-8747

*2013 Lake Committee Member*

## Fish on Prozac: Anxious, anti-social, aggressive

When fish swim in waters tainted with antidepressant drugs, they become anxious, anti-social and sometimes even homicidal. New research has found that the pharmaceuticals, which are frequently showing up in U.S. streams, can alter genes responsible for building fish brains and controlling their behavior. Antidepressants are the most commonly prescribed medications in the United States; about 250 million prescriptions are filled every year. And they also are the highest-documented drugs contaminating waterways, which has experts worried about fish. “At high doses we expect brain changes,” said scientist Rebecca Klaper. “But we saw the gene expression changes and then behavioral changes at doses that we consider environmentally relevant.” Male minnows exposed to a small dose of Prozac in laboratories ignored females and took more time capturing prey. When the dose was increased, but still at levels found in some wastewater, males became aggressive, killing females in some cases.

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Waleed Alzuhair/flickr

By Brian Bienkowski  
Staff Writer  
Environmental Health News

June 12, 2013

When fish swim in waters tainted with antidepressant drugs, they become anxious, anti-social and sometimes even homicidal.

New research has found that the pharmaceuticals, which are frequently showing up in U.S. streams, can alter genes responsible for building fish brains and controlling their behavior.



Antidepressants are the most commonly prescribed medications in the United States; about 250 million prescriptions are filled every year. And they also are the highest-documented drugs contaminating waterways, which has experts worried about fish. Traces of the drugs typically get into streams when people excrete them, then sewage treatment plants discharge the effluent.

Exposure to fluoxetine, known by the trade name Prozac, had a bizarre effect on male fathead minnows, according to new, unpublished research by scientists at the University of Wisconsin-Milwaukee.

Humboldt State University

Fish downstream of wastewater treatment plants are more at risk of pharmaceutical exposure, experts say.

Male minnows exposed to a small dose of the drug in laboratories ignored females. They spent more time under a tile, so their reproduction decreased and they took more time capturing prey, according to Rebecca Klaper, a professor of freshwater sciences who spoke about her findings at a Society of Environmental Toxicology and Chemistry conference last fall. Klaper said the doses of Prozac added to the fishes' water were "very low concentrations," 1 part per billion, which is found in some wastewater discharged into streams.

When the dose was increased, but still at levels found in some wastewater, females produced fewer eggs and males became aggressive, killing females in some cases, Klaper said at the conference.

The drugs seem to cause these behavioral problems by scrambling how genes in the fish brains are expressed, or turned on and off. The minnows were exposed when they were a couple of months old and still developing.

There appeared to be architectural changes to the young minnows' brains, Klaper said at the toxicology conference. Growth of the axons, which are long nerve fibers that transmit information to the body, was disrupted.

The new findings build on Klaper's previous research, which tested minnows with the gene changes to see how well they avoided predators. They swam longer distances and made more directional changes, which suggests that the drugs induced anxiety.

The drugs used in the study were among the most common in sewage: Prozac, Effexor and Tegretol. The researchers tested each drug alone and in combination.

"At high doses we expect brain changes," Klaper said. "But we saw the gene expression changes and then behavioral changes at doses that we consider environmentally relevant."

However, there is too little evidence to know whether pharmaceuticals are having any impacts on fish populations in the wild, said Bryan Brooks, an environmental science professor at Baylor University who has extensively studied pharmaceuticals in streams and fish.



Ohio DNR

Fathead minnows exposed to low doses of antidepressant drugs became anxious, anti-social and aggressive.

Any changes in reproduction, eating and avoiding prey can have devastating impacts for fish populations, Klaper said.

The most vulnerable fish populations are those downstream of sewage treatment plants, where prescription drugs consistently show up in higher levels than in other waterways. It's only within the past decade that technology has allowed plants to test for the chemicals in their wastewater and in waters downstream, though most still don't, said Steve Carr, supervisor of the chemistry research group at the Los Angeles County Sanitation Districts.

One of the antidepressants tested in the fish – Tegretol – comes into the treatment plants and goes out at near constant levels, said Eric Nelson, a senior chemist with the Los Angeles County Sanitation Districts.

That means the county's treatment technology does not seem to have any effect on the drug. It comes in and leaves in a very tight range, about 150 to 400 parts per trillion, Nelson said.

Nelson said the two other drugs tested on the fish – Prozac and Effexor – are discharged in effluent at even lower levels: between about 20 and 30 parts per trillion. In comparison, the levels that altered behavior of the lab fish were 50 times higher.

**When the dose was increased, but still at levels found in some wastewater, females produced fewer eggs and males became aggressive, killing females in some cases.**

*Continue reading on Page 2.*

## Fish on Prozac: Anxious, anti-social, aggressive (Page 2)



Waleed Alzuhair/flickr

*(Continued from Page 1)*

June 12, 2013

When monitoring an Iowa and a Colorado stream, the U.S. Geological Survey found most drugs at levels similar to Los Angeles County's. However, these low levels could still find their way into fish brains, according to their 2010 study.

Researchers found elevated levels of pharmaceuticals in the stream water two to six miles from the sewage treatment plants. But the chemicals at the highest levels in the water were not the ones most prevalent in the fish brains.

"The fish downstream of the wastewater treatment had elevated concentrations of two antidepressants ... Zoloft and Prozac," said Edward Furlong, a research chemist at the U.S. Geological Survey based in Boulder, Colo. "And these were relatively low in water compared to others."

Even if the levels released into streams seem low, they are constant, which is problematic, Brooks said.

"The drugs may not be classically persistent like PCBs," Brooks said. "But they're pseudo-persistent. The [continuous] exposure of organisms in a stream is equivalent to a chemical that is persistent."

Some drugs bioaccumulate, or build up, in rainbow trout, according to Brooks' research. Also, rainbow trout exposed to sewage effluent have pharmaceuticals in their blood at levels as high as those that affect the brains of people, according to research in Sweden.

Brooks said the likelihood of bioaccumulation for pharmaceuticals is high. "People have to take these drugs for weeks before they start having effects. They slowly bioaccumulate in your system," which suggests bioaccumulation potential in fish, too, Brooks said.



USGS

U.S. Geological Survey scientists found traces of antidepressants in Iowa's Fourmile Creek.



Changes to the brain can affect all kinds of things in fish, Klaper said. And since humans have a similar brain gene structure, the findings raise questions about whether traces of these drugs in drinking water might harm human health.

The U.S. Environmental Protection Agency considers pharmaceuticals an “emerging concern,” and has concluded that the chemicals may pose risks to wildlife and humans. There are currently no federal regulations of the compounds in waste or drinking water. However, 12 pharmaceuticals are currently on the EPA’s Contaminant Candidate List, which are chemicals that may require regulation under the Safe Drinking Water Act.

Studies have consistently found prescription drugs in drinking water at parts-per-trillion levels. U.S. Geological Survey scientists sampled 74 waterways used for drinking water in 25 states in 2008 and found 53 had one or more of the three dozen pharmaceuticals they were testing for in their water. Forty percent of the pharmaceuticals were found at one or more of the sites.

**"The drugs may not be classically persistent like PCBs. But they're pseudo-persistent. The (continuous) exposure of organisms in a stream is equivalent to a chemical that is persistent." -Bryan Brooks, Baylor University**

Fifty-four active pharmaceutical ingredients and 10 metabolites have been detected in treated U.S. drinking water, according to a 2010 EPA review.

Studies of children exposed in the womb to antidepressants taken by their mothers show effects on their motor development and a higher risk of some birth defects.

But health officials say the levels found in some drinking water are too low to cause harm.

According to a 2012 World Health Organization report, the “trace quantities of pharmaceuticals in drinking water are very unlikely to pose risks to human health.” The report said that the amount found in drinking water is usually 1,000 times lower than doses expected to have an effect on a person.

But Klaper said that in light of the gene changes in fish brains, officials may need to rethink what is considered safe.

“Fish do not metabolize drugs like we do,” Klaper said. “Even if environmental doses aren’t thought to be much for a human, fish could still have significant accumulation, and, it appears, changes in their brain’s gene expression.”



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## Recent Environmental Health News coverage

Printed from THE DAILY JOURNAL, dtd. 06/06/2013

## Cost of clean water: Cities deal with unfunded mandate of protecting Bay, water quality

June 06, 2013, 05:00 AM By Bill Silverfarb Daily Journal staff

Garbage that seeps into the Bay can be costly for cities as they can be fined hefty amounts by the regional water board but ultimately it's the taxpayer's wallet that is needed to pay for the pollution prevention efforts.

San Mateo, for instance, spends about \$230,000 a year now to replace and maintain catch basin filters that stop those plastic bags and Styrofoam cups from finding their way to local creeks, the Bay and the ocean.

It is a modest program, Public Works Director Larry Patterson said, but with mandates from the state to reduce the amount of pollution in stormwater to virtually nil by 2020, it will get costlier in the coming years.

Filters need to be changed three times a year, take two men to change and about four days to complete, Patterson said about clearing the catch basins.

Monday night, Patterson briefed the City Council in a special study session on the city's need to renew its Municipal Regional Stormwater Permit next year that is issued under the authority of the federal Clean Water Act by the San Francisco Bay Regional Water Quality Control Board.

The five-year permit expires in 2014.

At Monday's study session, the cost of the state's unfunded mandate dominated the council's discussion on the topic.

Vice Mayor Robert Ross is not sure how the city can reduce its "trash load" to zero without asking the public to pay more than it already does in taxes.

Bonds and a ballot measure were discussed at the study session as a way to help pay for the mandate but Ross said that if residents ultimately reject such a measure, the city will still be stuck paying for the pollution prevention effort.

Water board mandates could directly impact homeowners, too.

"For example, if they pass a regulation requiring all homeowners to have low-flow irrigation nozzles in their landscaping at the time of sale of a home, it would increase the cost to buy a house and could potentially force certain members of our community out of our local housing market," San Mateo Mayor David Lim wrote the Daily Journal in an email.

Half Moon Bay Vice Mayor John Muller is also the longtime chair of the local regional water board.

"Some municipalities are very upset about it," Muller said. "But the law requires trash load reductions."

A recent countywide ban on plastic bags should also help reduce the amount of garbage that finds its way into local waters, Muller said.

The mandates are meant to protect the environment, Muller said. The city of San Mateo's plastic bag ban goes into effect today.



Bill Silverfarb/Daily Journal  
Debra Bickel, with San Mateo public works, inspects a catch basin filter in downtown San Mateo. The filters keep trash from flowing into local creeks.

Patterson told the Daily Journal he is confident the city will meet the requirements for the permit and reduce the trash load to zero by 2020.

"It is the right effort to undertake, no one argues that," Patterson said. "It's just a matter of resources and dollars."

silverfarb@smdailyjournal.com

(650) 344-5200 ext. 106

## **Public invited to comment on regional water management plan**

### **By staff reports**

Updated: 06/06/2013 12:07:14 PM PDT

LAKE COUNTY -- The public can provide comments through Monday on a plan looking at how to cooperatively improve water supply, water quality, flood risk management and the ecosystem in a five-county region in Northern California.

The Westside Sacramento Integrated Regional Water Management Plan focuses on an area including a large portion of Lake County, Yolo County and parts of Solano, Napa and Colusa counties.

Government agencies and members of the public have been working together for more than 14 months to develop voluntary guidelines on how water and related resources could be managed effectively for the next 20 years within the region.

The collaborative planning work is funded by the participating agencies and a grant from the California Department of Water Resources.

The plan can be viewed online at <http://westsideirwm.com/draftplansections/>. Citizens can review the document and provide input via email, [info@westsideirwm.com](mailto:info@westsideirwm.com). The comment deadline is Monday.

For more information, visit <http://WestsideIRWM.com> or call 530-661-8115.

## Water Hour to be featured on live stream

### Staff reports

LAKE COUNTY — KPFZ 88.1 FM has a new show, The Water Hour, that will focus on the lakes and creeks of Lake County and the ecosystems they support.

The Water Hour will be aired from 5 p.m. to 6 p.m. on the first Friday of the month. Catch the live stream on the Internet at <http://kpfz.org/listen/kpfz-internet-stream/>.

The Water Hour is the result of a grant to KPFZ from The Rose Foundation.

Lake County contains two watersheds: Upper Cache Creek and Lower Cache Creek and both are hydrologic systems that are interesting and diverse, with identified problems and potential solutions.

The show's host is Sarah Ryan. She and her family have been residents of Lake County since 2001. As a Virginia native, Ryan enjoys both the mountains and the water that define Lake County.

There will be monthly discussion and hands-on activities to increase

understanding of the special features in the watersheds and such topics as Clear Lake as a drinking water source, how results of water quality monitoring can be utilized, and ways to help prevent erosion and reduce stormwater runoff. Water from key areas throughout the county will be sampled, offering a learning experience for residents of all ages.

Guests of the show include staff from the local tribes, county and state officials, with emphasis on watersheds and the effectiveness of existing projects and policies with regard to water resource protection.

Listeners will have opportunities to provide feedback on watershed management programs at every level, identify hot pollution spots and discuss water monitoring events.

The Water Hour will also feature local Pomos who provide a perspective on how to live sustainably as they continue to find solutions from the old ways as challenges arise.

For information email [sarahryan@post.com](mailto:sarahryan@post.com).



Home **20-Gallon Challenge** Programs Tips About Contact

## 20-Gallon Challenge

Take the 20-Gallon Challenge and help **SAVE OUR WATER** during the hot summer months. By reducing water use by 20 gallons per person per day, you can help preserve our community's water supply.

**Saving 20-gallons a day is easy. Simple changes make a big difference.**

Fill out the pledge below for a chance to win a drawing for a high efficiency clothes washer, a landscape design, a graywater system, a rainwater catchment system, or a high efficiency toilet.

[Official Rules for the 20-Gallon Challenge Drawings](#)



### Take The Pledge

I pledge to do these things to save this much water per day:

Try selecting a few water-saving tips below to start saving more than 20 gallons per day!

#### Saving Water Indoors

- Not use the toilet as a wastebasket (once daily): 1.6 Gallons
- Run the dishwasher only when full: 2 Gallons
- Not leave water running while rinsing dishes: 5 Gallons
- Shorten showers by 2 minutes (once daily): 5 Gallons
- Turn off water while brushing teeth (twice daily): 8 Gallons
- Replace old, non-efficient toilet with a new high-efficiency toilet (4 flushes daily): 8 Gallons
- Purchase a new, front loading high-efficiency efficient clothes washer: 10 gallons
- Install aerators with flow restrictors on kitchen/bathroom faucets: 14 Gallons
- Wash only full loads of clothes: 15 Gallons
- Fix a leaky faucet: 15 Gallons
- Fill the bathtub half full while bathing: 18 Gallons
- Fix a leaky toilet: 30 gallons

#### Saving Water Outdoors

- Install spa cover to reduce evaporation: 5 Gallons
- Water yard before 6 am or after 8 pm to reduce evaporation: 20 Gallons
- Adjust sprinklers to reduce overspray onto sidewalks, driveways, etc.: 20 Gallons
- Repair pipe leak or broken sprinkler head: 20 Gallons
- Install water-efficient drip irrigation system: 20 Gallons
- Repair any leaks around pool or spa pumps: 20 Gallons
- Repair any leaking hose bibs: 20 Gallons
- Use a broom instead of a hose to clean driveways and sidewalks (twice weekly): 22 Gallons

Add mulch (2"-3") around trees and plants (1,000 sq. ft.): 25 Gallons

- Install a pool cover to reduce evaporation: 30 Gallons
- Install a "smart irrigation controller" that automatically adjust watering times based on weather conditions: 40 Gallons
- Replace part of the lawn or water-intensive plants with native or Russian River Friendly plants (1,000 sq. ft): 40 Gallons
- Reduce irrigation time by 2 minutes or eliminate one irrigation cycle per week: 100 Gallons

**Total gallons you will save per day:**

0

Try selecting a few water-saving tips above to start saving more than 20 gallons per day!

Submit

[Official Rules for the 20-Gallon Challenge Drawings](#)

© 2013 [Sonoma Marin Saving Water Partnership](#)



City of Healdsburg is Now Hiring SENIOR WATER TREATMENT PLANT OPERATOR. CLICK FOR MORE INFO

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# Dry winter prompts call for conservation across Sonoma County

Posted by PD staff in County on June 5th, 2013 tags: rainfall, Sherwood, Sonoma County, Water Agency 0 comments related articles

By MARY CALLAHAN THE PRESS DEMOCRAT

North Bay water officials are afraid that residents may not be worried enough about the state of the region's water supply after two consecutive years of below-normal rainfall.

Results from an April survey of 600 Sonoma County voters bolster that fear, with 43 percent expressing limited or no concern about water availability despite below-capacity storage in Lakes Sonoma and Mendocino as the summer looms.



Summer is still two weeks away, but the water level Lake Mendocino near Ukiah already is at just 54 percent of capacity. The reservoir is a key part of the Russian River water system, which provides water for agriculture, business and 600,000 residential customers. (Christopher Chung / PD)

But rather than dwell on the negative, the Sonoma County Water Agency and partnering Marin and Sonoma County water utilities are posing a challenge for local consumers: Save 20 gallons a day to help conserve summer water supplies and help bridge the gap until the next rainy season.

The 20 Gallon Challenge is designed not only to inspire conservation, but to help people figure out how much water they use during day-to-day activities through an online checklist they can use to identify specific ways to save.

For those who remember the summer of 2009, when three years of dry conditions prompted a state order mandating a 25 percent cut in water use by the Water Agency's 600,000 customers, the current state of things might raise the specter of similar measure.

But Water Agency spokesman Brad Sherwood said there's been no word of mandatory rationing so far, though "I can't say what they're going to do in the future."



“As of right now, we’re hoping to deal with this on a local basis,” Sherwood said. “Part of the 20 Gallon Challenge means we’re illustrating to the state and others that we can reduce our water use without mandatory rationing. We feel that we can achieve the same goals by the cooperation of our water retailers and our community.”

Shave two minutes off a shower and consume 5 gallons less, the Water Agency checklist says. Water outdoor plants before 6 a.m. or after 8 p.m. and stop 20 gallons from being lost to evaporation. Use a pool cover to reduce evaporation and save 30 gallons. Mulch plants and trees, save another 25.

“The aim is the fact that we’re coming out of one of the driest springs on record,” Sherwood said. “It’s dry out there, and now more than ever is the time to increase awareness about how to use water wisely.”

Santa Rosa has had about 27 1/2 inches of rain to date in the rainfall season that runs from July 1 to June 30.

The 30-year average is 36.28 inches, the National Weather Service said.

The 2011-12 season saw even less rain — 23.23 inches — though nearly a quarter of it fell in the month of March, raising storage levels before the driest months arrived.

This year, there’s been just 5 inches of rainfall since the deluge that was December, after which the Army Corps of Engineers, anticipating the potential need for additional flood-control capacity, released water into the Russian River that was never recouped, Sherwood said.

The water supply pool at Lake Sonoma is now at 91.3 percent of capacity, while smaller Lake Mendocino, which is key to the water level of the Russian River from Ukiah to Healdsburg, is at 53.8 percent of capacity.

In a telephone survey of randomly selected Sonoma County voters conducted in late April, nearly a quarter acknowledged a “very serious problem” with the water supply. Another 31 percent considered the problem “somewhat serious.”

Comparing the results with those from a similar poll in 2009 — a dry season when awareness of water scarcity was high — suggests “we have to re-educate and make people aware again,” Sherwood said.

In the 2009 survey, 51 percent saw water supply as a “very serious” problem, and 31 percent viewed it as “somewhat serious.”

Water officials also have seen per capita water use creep up since the low in 2011 of 113 gallons per person per day to 119 per capita per day last year. Per capita figures aren’t available for 2013, but overall demand does not reflect the realities of a short water supply, agency personnel said.

“We are currently seeing summer-like water demands on our system right now,” Sherwood said last week. “That means we are pumping 63 million gallons of water from the Russian River water supply system every day. Folks are obviously watering and using lots of water.”

But the survey indicated people are, or think they are, doing a lot to conserve water and are willing to do more.

That mirrors what local retailers say about customers coming in for drought-tolerant plants, drip irrigation systems and timers and the like.

“We are booming in that category,” said Jerry Nelson, a plumbing salesman at Friedman’s Home Improvement in Santa Rosa. “It’s a big part of what we do every day. People would rather do drip irrigation. That’s what our specialty is here.”

“A lot more people are asking for drought-tolerant planting,” said Patty Hamilton, sales manager at Harmony Farm Supply and Nursery in Graton.

Steve Chase, manager of the Bennett Valley Ace Hardware store on Yulupa Avenue, said widespread resolve to conserve water outdoors contrasts with many folks’ general frustration with low-flow faucets, showers and toilets, however.

“I think people are more frustrated with the lack of pressure than the shortage of water, unfortunately,” he said.

But Carrie Pollard, water use efficiency manager at the Water Agency, said design improvements and new standards testing adopted since 2006 — through which federal WaterSense labels are awarded to high-performing water-saving products — permit consumers to feel confident they are getting devices that will work for them.

There also are direct-install, rebate and discount incentive programs available for water conservation measures in different communities.

One of the easiest ways to reduce consumption is to cut back slightly on outdoor irrigation, which accounts for the biggest use of water in most households, Pollard said.

Cutting two minutes off routine watering times, even in the warmest weather, shouldn’t affect plants or a lawn much, but can save 100 gallons a day, she said.

The Water Agency hopes a large-scale campaign to raise awareness and give folks tools to use toward conserving could make the difference between having enough water in the coming months and coming up short.

“If everyone conserves 20 gallons a day per person we can ensure we have ample water supplies for all uses, including the fish,” Sherwood said.

Information on the 20 Gallon Challenge is available at [savingwaterpartnership.org/20gallons](http://savingwaterpartnership.org/20gallons). There’s also a link to report wasteful water practices at <http://www.savingwaterpartnership.org/water-waste/>.

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## Dry winter prompts call for conservation

By [MARY CALLAHAN](#)  
THE PRESS DEMOCRAT

Published: Tuesday, June 4, 2013 at 4:59 p.m.

North Bay water officials are afraid that residents may not be worried enough about the state of the region's water supply after two consecutive years of below-normal rainfall.

Results from an April survey of 600 Sonoma County voters bolster that fear, with 43 percent expressing limited or no concern about water availability despite below-capacity storage in Lakes Sonoma and Mendocino as the summer looms.

But rather than dwell on the negative, the Sonoma County Water Agency and partnering Marin and Sonoma County water utilities are posing a challenge for local consumers: Save 20 gallons a day to help conserve summer water supplies and help bridge the gap until the next rainy season.

The 20 Gallon Challenge is designed not only to inspire conservation but to help people figure out how much water they use during day-to-day activities through a handy, online checklist they can use to identify specific ways to save.

For those who remember the summer of 2009, when three years of dry conditions prompted a state order mandating a 25 percent cut in water use by the water agency's 600,000 customers, the current state of things might raise the specter of similar measure.

But Sonoma County Water Agency spokesman Brad Sherwood said there's been no word of mandatory rationing so far, though "I can't say what they're going to do in the future."

"As of right now, we're hoping to deal with this on a local basis," Sherwood said. "Part of the 20 Gallon Challenge means we're illustrating to the state and others that we can reduce our water use without mandatory rationing. We feel that we can achieve the same goals by the cooperation of our water retailers and our community."

Shave two minutes off a shower and consume 5 gallons less, the Water Agency checklist says. Water outdoor plants before 6 a.m. or after 8 p.m. and stop 20 gallons from being lost to evaporation. Use a pool cover to reduce evaporation and save 30 gallons. Mulch plants and trees, save another 25.

"The aim is the fact that we're coming out of one of the driest springs on record," Sonoma County Water Agency spokesman Brad Sherwood said. "It's dry out there, and now more than ever is the time to increase awareness about how to use water wisely."

Santa Rosa has had about 27½ inches of rain to date in the rainfall season that runs July 1 to June 30.

The 30-year-average is 36.28 inches, the National Weather Service said.

The 2011-12 season saw even less rain — 23.23 inches — though nearly a quarter of it fell in the month of March, raising storage levels before the driest months arrived.

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## GCSD could pay \$375,000 for spills

Written by [Union Democrat staff](#) June 04, 2013 12:30 pm

Groveland Community Services District could end up paying \$375,000 for inadequate reporting of and response to sewage spills in 2010 and 2011.

The district and water board have reached terms of a settlement that will cost GCSD significantly less than the almost \$1 million in fines it could have faced over the incidents, according to officials with the California Regional Water Quality Control Board's Central Valley Region.

Under the settlement proposal, the district's civil liability for the 2010 and 2011 spills would total \$375,000, which will be split into a \$187,500 fine and an equal amount of spending for improvements to GCSD's wastewater treatment system.

The regional water board and GCSD had been negotiating a settlement since 2011 over large sewage spills that took place in the district's system in August 2010 and March 2011.

State water board officials subsequently accused the district of failing to properly report the spills and their sizes, which were eventually determined to be up to 59,000 and 96,000 gallons in raw sewage, respectively. According to violation notices, district officials initially reported the spills, which reached local waterways, including Pine Mountain Lake, as 50 and 1,000 gallons.

The state also accused the district of failing to properly maintain the sewer system, keep records, and train employees on spill procedures.

The district could have been fined up to \$824,930 for its violations.

Lonnie Wass, a staff member with the regional water board working on the settlement, said it's not yet a done deal. The water board will accept public comments for 30 days on the settlement, and if there are no major objections, executive staff will likely sign off on the agreement.

The GCSD Board of Directors will also discuss the settlement proposal at its monthly meeting Thursday, according to the board meeting agenda. Jon Sterling, interim general manager at the Groveland district, said the district board voted after a special, closed-session meeting last week to accept the terms of the settlement.

If the state agency accepts the settlement as-is, Sterling said GCSD "will move forward in complying with the details of the settlement as it's listed."

"We very much are looking forward to being able to move forward," he said of the issue.

Wass said it isn't atypical for settlement talks to last as long as they did in this case. While the settlement states the agreement is not an admission of guilt, the past spills would be considered if any future violations are found.

Under the settlement agreement, the district would be allowed to pay off the \$187,500 in \$46,875 installments. The second \$187,500 is required to go towards mandatory improvements to the sewer system that will prevent future spills.

GCSD serves water and sewer customers in the communities of Groveland, Pine Mountain Lake and Big Oak Flat.

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## Berryessa voters nearly double their water, sewer rates

21 HOURS AGO • PETER JENSEN

Homeowners in the Berryessa Estates community narrowly approved a near doubling of their water and sewer rates Tuesday, which may allow them to finally get in compliance with state water quality regulators.

The controversial increase provoked outcries from some residents, who argued that low-income members of their development won't be able to handle the higher costs and will walk away from their homes and rentals. The average bimonthly bill for water and sewer will jump from \$359 to \$602.

The rate increase survived a protest vote that was tallied on Tuesday. A bare majority of residents — 52 percent — opted to allow the hike.

Napa County, which manages the Estates' water and sewer district, called the Lake Berryessa Resort Improvement District, has said that the rate hike is essential to the district receiving almost \$5 million in grant funding from the state government.

That money is needed to expand wastewater storage ponds from 7 million gallons to 27 million gallons and pay for other improvements. Following winter rains in past years, the district has had to discharge treated wastewater through spray fields, which violates state water quality regulations.

The discharges have led the Central Valley Regional Water Quality Control Board to slap hundreds of thousands of dollars in fines on the small district, which has only about 160 ratepayers.

Concurrently, over the last several years the county has issued \$1.9 million in loans to the district to keep it afloat financially.

To become eligible for that grant money, the district had to balance its budget first, which necessitated the increase in rates. Some district residents questioned if the books will be balanced even with the increase, especially if more people shut off their water and sewer when they vacate their properties.

Estates resident Gary Sandhoff voted to protest the increase, calling it "not a very viable solution" at Tuesday's meeting. He called for more participation between the community and the county in devising solutions without increasing rates.

"Talk to the people up there," Sandhoff said. "You'll find they don't make very much money. What's going to happen when the ratepayers leave? This has really brought the whole kettle to a boiling point."

Estates resident Nancy Hallman said the increase is needed to keep the regional board from issuing more heavy fines to the district in the future, but worried that the issue would divide the community.

"The saddest part to me is that this is fracturing our community," Hallman said. "We must not be short sighted. This is about the regional board. This vote is very important to them."

Other residents expressed frustration that past rate increases, property tax assessment, and special taxes they've approved haven't fixed the problem. Some argued that the district's budget could be trimmed to save on operational costs, but District Engineer Phil Miller and Supervisor Keith Caldwell disputed that.

"We have based this rate increase on a bare-bones budget," Miller said. "There's no fat that we can remove."

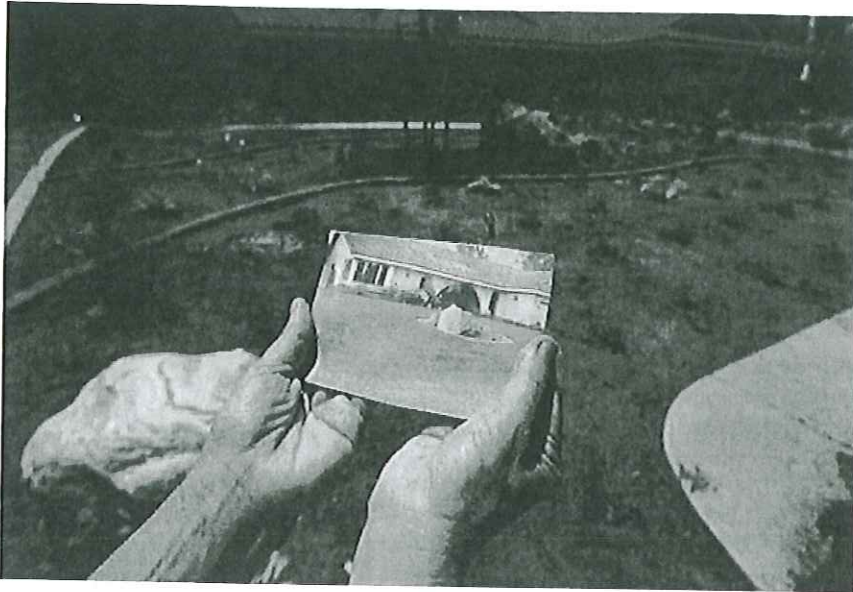
Caldwell invited Estates residents to go over the books and confirm his assertion that the district's current revenues won't be enough to cover expenses.

"If people want to become involved, we'll do that," Caldwell said. "I've been over these numbers so many times I know this to be true. If you think this is the only place in California that's seeing these kinds of rate increases, it's not."

Before the vote count was known, Supervisor Mark Luce issued a warning of how the district was flirting with disaster — dissolution — if the increase didn't pass.

"If this doesn't pass, that's probably what we're looking at," Luce said. "We weren't kidding when we said this is a critical decision."

# REGION: Water savings surpass expectations



STAN LIM/STAFF PHOTOGRAPHER

Tina Ricketts holds a photo of her front yard taken before she and her husband had their lawn removed. The couple switched to drought-tolerant plants to reduce their water bill.

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- The Strip
- I don't visit Las Vegas

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BY JANET ZIMMERMAN | STAFF WRITER | May 31, 2013; 06:03 PM | [Comments \(4\)](#)

Inland water districts already have seen water consumption drop more than enough to meet a statewide requirement to use 20 percent less by 2020, but officials say the decrease is largely due to the economic downturn and that more conservation work needs to be done.

The fear is that once the economy rebounds, the numbers will creep back up, officials said.

"We are currently below where we need to be, but I think that's an artificial number because there is no construction now," said Tim Barr, water use efficiency manager at Western Municipal Water



The re-do is on water-saving drip irrigation and includes just a small patch of grass, said Tina Ricketts, a retired teacher who has lived in the home since 1981. Instead of an expanse of lawn, the couple will have a landscape of plants such as manzanita ground cover, bougainvillea and succulents that thrive with less water.

Districts also are increasing their use of recycled water, which counts toward achieving 2020 goals, said Debra Man, Metropolitan's assistant general manager.

"We are being very vigilant in keeping up our efforts, because we don't want to be complacent. We want to make sure there are real savings put in place and that they're sustainable," she said.

Tracy Quinn, policy analyst for the water program at the Natural Resources Defense Council in Santa Monica, said most water districts won't actually achieve a 20 percent reduction.

Three of the methods used to calculate goals result in 13.5 percent to 16 percent savings. Those were a compromise for districts that already had been working toward conservation before the law took effect, Quinn said.

Her analysis of a half-dozen water districts' 2020 progress, including Western, Eastern and Rancho California Water District in Temecula, is expected late this month.

She said there is a "significant disconnect" between the law's statewide goal and the individual goals submitted by water suppliers. Not all districts used the same population estimates; higher population numbers can significantly increase the baseline, Quinn said.

The Inland region has higher per-capita water use than other parts of the state because of the weather, and also because homes have large lots with grass. Use can be reduced by improving landscape design, developing policies for reusing gray water for irrigation and adopting smart growth land use development policies, she said.

"Australia went through an incredible drought and its per-capita use in many large cities is 40 gallons, 10 percent of what we're using in Inland Southern California," Quinn said. "We have a lot of room to improve."

## Thompson bill would boost fight against invasive quagga mussels

By [CLARK MASON](#)

THE PRESS DEMOCRAT

Published: Friday, May 17, 2013 at 2:40 p.m.

A type of mussel that poses a threat to lakes and water supply systems would officially be added to the national list of invasive species under legislation sponsored by Mike Thompson, D-St. Helena.

Thompson on Thursday announced his introduction of the bipartisan bill to add the quagga mussel to the listing.

Since their invasion in the 1980s in the Great Lakes, quagga mussels and their close relative zebra mussels have been responsible for more than \$5 billion in prevention and control costs — more than any other aquatic species, according to Thompson's bill.

While zebra mussels are on the invasive species list, quagga mussels are not.

The listing gives federal agencies greater ability to prevent the spread of the species, which clogs pipes and other infrastructure.

"It would fix a loophole. It further enforces the penalties for transportation of these mussels," Brad Sherwood, a spokesman for the Sonoma County Water Agency, said of Thompson's bill.

The most common way the mussels spread is by "hitchhiking" on recreational boats.

In Thompson's Congressional district, Clear Lake, Lake Sonoma and Lake Berryessa are all rated at the highest possible risk of quagga infestation, although the mussels have not been introduced so far.

While the mussels have caused problems in reservoirs and lakes in Southern California, they have not been found north of San Benito County.

A consortium including Sonoma, Mendocino and Humboldt counties is planning to begin mandatory boat inspections next year.

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*JOHN BURGESS / The Press Democrat*  
Popeye uses his highly trained nose to search for the smell of invasive quagga and zebra mussels on the fishing boat of Windsor resident Sean Headden during a voluntary check Friday at Lake Sonoma.

# New runoff rules' huge effect on residents, businesses

By Deborah Sullivan Brennan • U-T 6 a.m. May 27, 2013 Updated 10:17 a.m.



(/photos/2013/may/27/1023681/)

Steven Di Donna, a watershed specialist for the County of San Diego, runs water tests and measurements at Escondido Creek on May 21. / photo by Eduardo Contreras \* U-T San Diego

When pollution regulators passed a new stormwater permit for San Diego County this month, proponents and critics disagreed on its cost and practicality.

They did agree that the 364-page set of rules would bring far-reaching changes to the ways people use and dispose of water.

The permit organizes the county into distinct watersheds, or broad areas that feed individual streams and rivers — and ultimately the ocean. It also calls for cities and counties to set overall numeric goals for reducing pollutants in each of those areas, instead of prescribing lists of specific cleanup actions.

During the next two years, local governments will draw up plans for improving water quality, identifying which pollutants they want to tackle and how they'll reduce them. Particular changes in each community will depend on which pollutants local governments address first.

Controlling what one city official called the "urban drool" of San Diego County's neighborhoods and businesses will require a host of efforts — some small and simple, others ambitious and costly.

Here are some on-the-ground actions officials expect to take.

## Urban irrigation

Although winter storms carry waves of pollution, the steady drip of irrigation from backyards, gardens and road medians creates year-round runoff. Some officials consider those "dry weather flows" to be the low-hanging fruit of water quality, since people can alter them simply by turning off the tap.

Those lawn sprinklers hosing down the street? The swampy trickles in gutters near golf courses? They're chief culprits under the new stormwater permit.

"We have a long and unfortunate history of over-irrigation in San Diego, to the extent that we have created stream flow in stream beds that are supposed to be dry for nine months of the year," said Bill Harris, spokesman for the San Diego Stormwater Division. "If there's any water that you use on your property that flows down a hill into a canyon, or even down your driveway into a gutter, it will have to stop."

Other activities that must be curtailed include power-washing, releasing heating and cooling condensation, and hosing off cars in driveways.

buying rain barrels or installing other devices to keep irrigation water off the streets. They also plan to invest in public-awareness campaigns to let residents know why runoff is a problem — and how they can help.

And they intend to shore up code-enforcement departments to spot irrigation offenses. Fines for San Diego code violations can range from hundreds to thousands of dollars.

"Typically we take an education-first approach," said Todd Snyder, watershed planning manager for the county. "We find we can get people into compliance once they find that what they're doing is not allowed. Sometimes education isn't enough, and we do take enforcement action."

Public land is not exempt. Dave Gibson, executive officer for the water board, said Balboa Park is a prime site for improvements such as use of recycled water and retention of stormwater.

"We have city recreation facilities that get heavy use," Harris said. "We're going to have to step up our game as a city."

## Architecture

Experts said runoff reduction may change the look of San Diego County as architects build structures to put stormwater in its proper place.

It could include cantilevered roofs that direct rainwater to barrels, detention ponds or planters; downspouts that flow into cisterns; and "green" roofs that absorb water before it flows downward.

Landscaping designs may incorporate depressions to catch rainwater along with bioswales — plants that can absorb a lot of water and trap pollutants through a natural purification process.

"Landscape features become more functional and less ornamental," said Doug Kot, executive director for the U.S. Green Building Council's San Diego chapter. "I can see lots of ways to integrate them in that would change the look and feel of (buildings). But I can also see ways to create buildings as they are now, using an appliance approach, where you install the equipment to do this underground, where it's invisible."

Vertical wells can funnel water into the ground, Kot said. Soil amendments can break up the hard clay that covers much of San Diego County, replacing it with biologically active soil that cleans runoff and filters it into aquifers.

Rather than seeing those functional demands as obstacles to architectural planning, Kot sees them as an inspiration for innovation.

"I trust that the design community can come up with beautiful, creative solutions to manage performance," he said.

## Infrastructure

Local government officials have warned that the new stormwater permit could cost \$2.8 billion to \$5.1 billion to carry out, and they said much of that cost would come from making major changes to storm drains, streets and runoff-retention features.

But Kot calls the permit a "huge opportunity" to upgrade to "complete streets" — roadways that accommodate pedestrians and cyclists as well as cars, while cleaning runoff in the process.

As part of San Diego's "Think Blue" campaign, the city has added such features to road realignment at 43rd Street and Logan Avenue. Between the road and sidewalk, it installed a bed of volcanic rock criss-crossed with permeable pavers. That slows down stormwater and allows it to sink into the ground, where it can be naturally filtered.

In San Marcos, officials plan to replace outdated storm-drain filters that trap bacteria with newer ones that catch not only bacteria but also a "smorgasbord" of sediments, including oil, grease and metals, said stormwater manager Erica Ryan. They're tapping CalRecycle funds for that project.

The city also leads a group of North County agencies in an effort to clean up pollution coming into San Marcos Creek and Lake San Marcos. And it's working on plans to restore streamside habitat while building a downtown district along San Marcos Creek.

The creek has deteriorated from a slow-moving, "braided" stream network to a straight shot that channels pollutants swiftly to sea. Restoration will repair the creek's hydrology and bring back native plants, Ryan said.

The bottom line, officials said, is that San Diegans will have to pay more attention.

"We can no longer stay aloof from pollution entering our waterways," said San Diego's Harris. "Each of us must act, each of us must change."

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## Water District Goes Paperless for Annual Water Quality Report

The water district says it saved money by posting paperless water quality reports and could further cut costs if more customers opted for paperless billing.

Posted by Autumn Johnson (Editor), May 16, 2013 at 06:26 am

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*Information from the Dublin San Ramon Services District--*

Dublin San Ramon Services District has published its 2012 Annual Water Quality Report, which compares drinking water quality to state and federal standards based on thousands of tests conducted during 2012. No regulated contaminants were detected at levels higher than health and safety standards allow and, in almost all cases, the quality was significantly better than required. The report is available on the [District's website](#).

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To request a printed copy, email [CustomerService@dsrsd.com](mailto:CustomerService@dsrsd.com) or call (925) 828-8524. To save paper and reduce costs, DSRSD is publishing the report online and mailing printed copies on request.

This is the first year that the California Department of Public Health and U.S. Environmental Protection Agency have allowed community water systems to provide the required report electronically instead of mailing a paper copy to every customer.

All DSRSD water customers are receiving the report's online address in May or June, either through a bill insert if they receive a paper water bill or via email if they have enrolled in paperless billing. DSRSD also is distributing the information to apartments, libraries, and other public places to reach consumers who do not receive water bills.

"We welcomed the opportunity be a little greener by publishing a paperless water quality report. Customers suggest this option every year and now the regulations allow us to do it," said Vicki Goldman, customer services supervisor. "We would like to see more customers sign up for paperless billing, too. Paper bills cost about \$3 per account per year. Currently only 10 percent of our 19,000 water customers get their bills by email. We could cut costs by more than \$50,000 a year if the other 90 percent went paperless."

Customers can sign up for DSRSD paperless billing by checking the box on their water bill remittance, emailing [CustomerService@dsrsd.com](mailto:CustomerService@dsrsd.com), or calling (925) 828-8524 during business hours. [Details are available by clicking here.](#)

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NEW HOME

## Sanitation District moves into new home

Facilities consolidated next to treatment plant



MAY 19, 2013 2:00 PM • REGISTER STAFF

Because of a complex land deal with The Gasser Foundation, Napa Sanitation District now has a new \$7.4 million administration building and corporation yard.

These facilities were formerly located off Imola Avenue, just west of the new Century Napa Valley movie complex, in an area targeted for flood control and commercial development.

The local Flood Control District had previously taken part of the district's property for the relocation of Napa Valley Wine Train tracks so that a flood terrace could be constructed north of the Maxwell Bridge on Imola Avenue.

Recently, the Gasser Foundation bought the district's remaining four acres, then agreed to be the manager on a design-and-build project to relocate the administration building and corporation yard out of the city to land adjacent to the district's sewage treatment plant, south of the Butler Bridge on Highway 29.

According to the Napa Sanitation District, the district received \$7.4 million from flood control and The Gasser Foundation for its land, while the cost of the new facilities was \$7.1 million.

This means that no sewer fees were used for the new building, district officials said in a news release.

"By moving our administration, engineering and collection system functions down to the treatment plant, we will make our operations more efficient," said Tim Healy, Napa Sanitation District's general manager. "At the same time, we're making the district's Hartle Court property available for more appropriate uses."

The district's administrative and engineering services will move into the new building in early June.

The Gasser Foundation intends to use the sanitation district land to expand the Century Napa Valley retail area, possibly with a hotel and health club.

By giving up prime real estate, Napa Sanitation District "returns the property to private use and will generate sales tax, property tax and possibly transient occupancy taxes for

local governments,” Healy said.

A ribbon cutting was held at the new facilities last week. The new facilities are located at 1515 Soscol Ferry Road.

The new building has many green features, including roof orientation to take advantage of natural light, sensor-controlled fluorescent lights, water-efficient landscaping and a high-efficiency heating and cooling system, the district said.

A memorial garden honors Dr. Arthur Hemphill, a Napa physician who was a district board member for many years.

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This article has been modified since original posting to reflect when administrative and engineering services will move into the new building.





## NEW DEVELOPMENT PLANNED FOR TOWN

APRIL 30, 2013 5:45 PM

Editor: I would like to thank Alan Galbraith for his St.. Helena St.ar Guest Commentary on April 25 reminding us that Bell Canyon Reservoir is only 85 percent of capacity at a time when it should be full.

While reading the article it brought to mind all the new construction projects that are presently planned for the City of St. Helena. According to the Hunter Project Preliminary EIR, in St. Helena there are three hotels with 125 rooms and one housing development with 45 homes and apartment units that have already been approved, plus 87 units in the Hunter Project going through the permitting process.

In the preliminary planning stage is another subdivision on the Romero Property, a 10-acre site on Pope Street, being planned by "Our Town." I urge all citizens of St.. Helena to stay informed on proposed new construction through articles in the Star and attending or watching City Council and Planning Commission meetings on TV. Water is only one of the many ways this new construction will affect us all.

**Donna Hardy**

**St. Helena**

Stanford Report, May 17, 2013

## Stanford engineers' new nanoscavenger purifies water, gets retrieved by magnet

*A new nanoparticle developed by Stanford engineers offers promising advancement in the way water is purified. The synthetic nanoscavenger can be quickly removed by magnet from the water. Similar existing technologies leave too many nanoscavengers behind for the water to be considered safe for human use.*

By Andrew Myers

Among its many talents, silver is an antibiotic. Titanium dioxide is known to glom on to certain heavy metals and pollutants. Other materials do the same for salt.

In recent years, environmental engineers have sought to disinfect, depollute and desalinate contaminated water using nanoscale particles of these active materials. Engineers call them nanoscavengers. But the hitch from a technical standpoint is that it is nearly impossible to reclaim the nanoscavengers once they are in the water.

But now, an interdisciplinary team of [engineers at Stanford University](#) has developed a new type of nanoscavenger with a synthetic core that is ultrasensitive to magnetism, allowing the easy and efficient recovery of virtually every one of the nanoscale purifiers.

Their research appeared in a [paper published online May 14](#) in the journal *Nature Communications*.

"In contaminated water, nanoscavengers float around, randomly bumping into bacteria and killing them or attaching themselves to molecular pollutants," said [Shan Wang](#), the study's senior author and a professor of materials science and engineering and of electrical engineering. "When the contaminants are either stuck to the nanoscavenger or dead, the magnet is turned on and the particles vanish."

### Ultrasensitive to magnetism

The use of magnetism to recover nanoscavengers is not new. There are commercial technologies today that have fashioned nanoscavengers with a core of magnetic iron oxide surrounded by an active material, but these ingenious methods are less than perfect. Iron

Mingliang Zhang, Stanford School of Engineering



The disc-like synthetic nanoscavengers collected magnetically.

oxide is not absolutely responsive to magnetism, and too many nanoscavengers remain in the water for it to be considered safe for human use.

The Stanford advance replaces the iron oxide with a synthetic material. The Stanford core is, in reality, not a single material, but a disk of several layers – magnetic outer layers of the synthetic material sandwiched on either side of a titanium center, but with a twist.

"The magnetic moments of the two outer layers are opposed. The direction of the magnetic force in the top layer and the bottom layer point in opposite directions, effectively canceling the magnetic properties of the material," said Mingliang Zhang, a doctoral candidate in materials science and engineering and co-first author of the study.

In their natural state, the new nanoscavengers are not magnetic and would not be attracted to another magnetic material. When the composite discs are exposed to a strong magnetic field, however, the opposing directions of magnetic force of the two layers turn into alignment, not only making the material magnetic but compounding the magnetic effect.

### **Side-by-side tests**

In doing so, the nanoscavengers become ultrasensitive to magnetism, far more so than the base iron oxide used in today's technologies. The Stanford team has dubbed its advance with the oxymoronic name "synthetic antiferromagnetic cores." The prefix *anti-* in this case means in opposite direction, not non-magnetic.

With a successful core created, the researchers then cap it with silver or titanium dioxide or another reactive material, depending upon the contaminant they are targeting.

In live tests using synthetic-core, silver-capped nanoscavengers immersed in water tainted with *E. coli* bacteria, using a silver dosage of just 17 parts per million, the Stanford team was able to kill 99.9 percent of the bacteria in just 20 minutes. Better yet, they removed virtually all of the nanoscavengers in just five minutes of exposure to a permanent magnet.

Side-by-side tests of the effectiveness of the same magnet on iron oxide core nanoscavengers show a quick collection of about 20 percent of the nanoscavengers in the same five minutes, but then the effect plateaus. By minute 20, nearly 8 in 10 iron oxide core nanoscavengers remain in the water.

### **The one-pot solution**

Having demonstrated a working prototype, the team is now building various iterations of their nanoscavengers with different reactive exteriors to target specific pollutants, as well as a new class of slightly larger nanoscavengers that might bear discrete bands of several different reactants.

"Our hope is to one day create a 'one-pot solution' that tackles water afflicted by a diverse mixture of contaminants. A purification technology like that could be very useful in recycling water in developing nations, or in arid climates like the American West, where water quality

and quantity are of critical importance," added Xing Xie, a doctoral candidate in civil and environmental engineering and co-first author of the paper.

Contributors to this study include [Craig Criddle](#), professor of civil and environmental engineering; [Yi Cui](#), associate professor of materials science and engineering; and Mary Tang, senior research engineer.

*Andrew Myers is associate director of communication for the Stanford University School of Engineering.*

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Last updated: May 14, 2013 9:12 pm

# China: High and dry

By Leslie Hook

## Water shortages put a brake on economic growth



Holed beneath the waterline: China's droughts and water shortages are pushing people to leave their homes and join an exodus to the cities

**W**ang Fuguo, a 63-year-old cotton farmer, does not know when his ancestors began tilling the land in the dusty village of Weijie.

But he is fairly sure he will be the last of his family to do so. "They've all fled," he says, looking out from his gate at the abandoned houses that line the village's only street.

The reason is simple. "There's just no water here," he says. "If you don't have water you can't survive." His household gets running water for one hour every five days, barely enough to feed a tiny patch of aubergines and supply his family and their dozen sheep.

In the face of China's rapid economic expansion and growing presence on the global stage, it is often forgotten that the country is running out of water. In per capita terms, China's water resources are just a quarter of the world average. Eight of China's 28 provinces are as parched as countries in the Middle East such as Jordan and Syria, according to China Water Risk, a consultancy based in Hong Kong.

In the area where Mr Wang lives, Minqin county, a former oasis in Gansu sandwiched between the vast deserts of Inner Mongolia, the problem is particularly severe. Mr Wang's neighbours are not the only ones who have moved away. More than 10,000 people have left the area and have become *shengtai yimin*, "ecological migrants".

Chinese officials identify water scarcity as one of the nation's most pressing difficulties. The problems are social, political and economic. This year Beijing for the first time issued water quotas to every province, setting targets for annual consumption by 2015.

The water shortage is made even more urgent by China's rapid urbanisation, as expanding cities have greater water needs. More than 300m people are expected to move into cities between now and 2030.

This transformation comes as the Chinese are becoming far more critical and vocal about the way they are governed. Weibo, a Twitter-like social network, is routinely filled with users sharing information about pollution violations. Some users even dare officials to take a dip in the rivers they are supposed to be in charge of keeping clean. At times the government's inability to control its waterways has made it the object of public ridicule, such as when more than 16,000 dead pig carcasses floated down Shanghai's main waterway this year.

The economic problems are formidable, with the water shortage threatening to slam a brake on growth. According to a World Bank report in 2007, water problems cost China economic losses of 2.3 per cent of gross domestic product. Executives say that water shortages are already starting to reshape their industries.

“Serious water scarcity is one of the big problems that has slowed down social and economic development in the north,” says Jiang Liping, water specialist at the World Bank in Beijing.

China’s lack of water is itself partly a result of economic growth. As people grow wealthier and move to cities, they eat more water-intensive foods, buy more water-intensive products and use more water at home. Changing climate also plays a role, as rainfall patterns and river flows shift. All this is exacerbated by a strained agricultural sector – which accounts for 60 per cent of China’s water use. Farmers are digging ever deeper to access water supplies and irrigate more of their land.

The water scarcity is also worsened by the heavy pollution that accompanies China’s economic growth. “Controlling pollution is the most difficult aspect of China’s water policies,” says Xia Jun, director of the centre for water resources research at the Chinese Academy of Social Sciences. “Even in places that have water, it is so polluted that you might not be able to use it.” Already, 39 per cent of the water in China’s major rivers is too toxic to be fit for any contact with humans.

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In a sign of the gravity of the problem, Beijing is planning to pour Rmb1.8tn (\$291bn) into water-related infrastructure projects such as irrigation and dams under the current five year plan – a sum that is greater than the annual gross domestic product of economies such as Egypt and Chile.

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Loss of livelihood for farmers such as Mr Wang in Minqin is just one example of the huge pressure that water scarcity is putting on China’s whole commercial landscape. The country’s growth and political stability are increasingly threatened by the widespread degradation of its air and soil.

China’s energy sector is particularly threatened by water shortages. Promising new technologies will be constrained in some areas. Projects to develop shale gas, for example, require large amounts of water for hydraulic fracking. Even as Beijing builds new nuclear power plants at a record rate, the government has also announced a moratorium on inland nuclear plants because of concerns over water supply and safety.

“All uses of energy are connected with water,” says Lin Boqiang, an energy economist at the University of Xiamen. “In the past, when there was not a shortage of water resources, people would only think about how much water they needed on the site where they wanted to build a project. Now it’s the other way around. The volume of water available determines how much energy can be developed in a certain place.”

The state’s deep concern about water has resulted in some of the toughest laws on water use and water pollution anywhere in the world, although corruption and weak rule of law mean implementation is patchy. “You have to build the most sophisticated water treatment plants in the world to fulfil the law,” says an executive in the chemicals industry. “The water laws are sometimes causing investors to rethink, given the amount of investment needed.”

However, many question whether these tough laws and the billions spent on water infrastructure will really ease the water crisis. Some Chinese scientists have lambasted the expensive projects at the core of Beijing’s water strategy, including the giant diversion system that will carry water thousands of kilometres from southern to northern China to alleviate shortages there.

That project, known as the South-North Water Transfer, will cost at least \$41bn and has forced more than 300,000 people to relocate, with engineers cutting new canals and reservoirs. Other efforts to ease the water shortages in northern China, such as the desalination plants springing up on the coast near Tianjin, are also expensive and consume large amounts of energy.

Minqin county, where Mr Wang lives, is a good example of how China’s obsession with water infrastructure has backfired. Mega-projects have been a hallmark of communist rule. When Mao Zedong was in power, a giant dam was built across Minqin’s only water source, the Shiyang river, in 1958, by students eager to show their devotion to their leader. But soon after the reservoir was filled, Qingtu lake, the body of water downstream that had been at the heart of the Minqin oasis, dried up.

With no more water in the lake and diminished flows in the Shiyang river, farmers in Minqin started pumping water from the ground to feed their crops. As a result the water table fell. Trees and shrubs that had kept the desert at bay for centuries died during the 1980s and 1990s. With the vegetation gone, the desert started to encroach on the once-lush area. In some places, sand dunes engulfed entire houses.

Minqin’s plight eventually started to attract national attention. In 2007, Premier Wen Jiabao visited, declaring: “We should win the fight for Minqin, and not let it vanish from the map.” The government allocated Rmb4.7bn to make sure that did not happen. This was a colossal amount for one of China’s poorest provinces but the move mirrored China’s huge outlays on water projects across the country.

However, China’s approach to water management has changed little since Mao. Instead of improving the situation, the multibillion yuan programme has infuriated many in Minqin over what they consider to be useless vanity projects.

At the top of their list is Qingtu lake. It dried up several decades ago but the government has “restored” it by building a new canal network. When water started flowing through the canals towards the lake, farmers gathered to watch it go by, shocked that so much of the precious

resource could be expended to build an artificial lake when their parched fields lay nearby. The lake today resembles a small wetland among the dunes, supported by dykes, pipes and underground sealants to help keep the water in place.

“It is totally unsustainable,” says Kuoray Mao, a researcher with the University of Kansas who lived in Minqin for 18 months, referring to the new lake. “All this money is really just going to feed the bureaucracy, not to improve farmers’ lives.”

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While Minqin has its artificial lake, other parts of China are similarly grappling with the impact of water projects gone wrong. The Three Gorges Dam, completed in 2006 at a cost of Rmb254bn, has been plagued by silting, landslides, pollution and ecological degradation. Last year, the State Council, China’s cabinet, warned that the dam had “urgent problems”. Across northern and central China, the rapid expansion of irrigation infrastructure thanks to government funding has hastened the depletion of underground aquifers.

Few places have more cause for public anger than Minqin, however. “The people here are very unhappy with the government,” says one former farmer who asked not to be named. “They spent all this money to build a lake but our lives have only gotten harder.”

As part of the multimillion-dollar restoration programme, farmers’ private wells were closed and water prices were raised, making it difficult to get by. The government provides enough water to each farmer to cultivate 2.5 *mu* of land per person (slightly less than half an acre), but no more than that.

It is hard to see how areas such as Minqin can realise the vision outlined by China’s leaders, who are promising a “China dream” with higher incomes and better standards of living.

Although thousands of farmers have moved out of Minqin, suicide and depression are common among those who remain. Mr Wang, the cotton farmer, says he and his wife have thought about moving but decided against it. “No one wants us,” he says.

*Additional reporting by Li Wan in Beijing*

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### **Three Gorges Dam: A vanity project with dire consequences**

When the main structure of the Three Gorges Dam, the world’s largest hydropower project, was completed in 2006 it was hailed in China as a triumph of man over nature and a shining example of the Communist party’s ability to mobilise advanced technology to build grand projects, writes **Jamil Anderlini**.

But by May 2011, China’s state council was referring to the dam’s “urgent problems” of environmental degradation, resettlement of about 1.3m people and serious erosion throughout the dam’s reservoir area.

A project that was supposed to reduce reliance on fossil fuels and end centuries of devastating floods has become mired in controversy and been blamed for the extinction of species, contributing to climate change, exacerbating droughts downstream and seismic instability.

The dam was envisioned by the early revolutionary Sun Yat-sen but it was Chairman Mao Zedong who was its main champion and who had engineers thrown in prison in the late 1950s when they criticised the proposed project.

Mao did not live to see his vision poured in concrete but the plan was revived in the 1980s and approved in 1992 despite opposition from nascent environmentalists and even many officials who saw it as a ludicrously expensive and environmentally devastating vanity project.

About 1.3m people were moved from their ancestral homes, many of them unwillingly and some of them in the face of violent threats as the 660km-long reservoir was gradually filled. Official corruption was rife throughout the compensation and resettlement process.

But it was only when the dam was completed that the scale of the environmental problems became clear.

“The environmental impacts of the project are profound and are likely to get worse as time goes on,” according to International Rivers, a US-based environmental group. “The submergence of hundreds of factories, mines and waste dumps and the presence of massive industrial centres upstream are creating a festering bog of effluent, silt, industrial pollutants and rubbish in the reservoir.”

*This article has been amended since original publication to reflect the fact that Minqin county is in Gansu province*

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**ENERGY VOICES** INSIGHTS ON THE FUTURE OF FUEL & POWER

## Water may reshape energy industry

Demand for fresh water could exceed supply by an estimated 40 percent by 2030, pushing up prices for the water-intensive energy industry. Soaring water prices would help wind, solar, and natural gas, but hurt coal and nuclear plants.

By Eli Hinckley, *Guest blogger* / May 19, 2013



A worker helps monitor water pumping pressure and temperature, at the site of a natural gas hydraulic fracturing and extraction operation run by Encana Oil & Gas (USA) Inc., outside Rifle, in western Colorado. A doubling of water prices wouldn't hurt energy operations, but soaring prices would.

Brennan Linsley/AP/File

Fracking: Tight oil. Do you know your energy vocabulary?

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### Why It Matters

**Energy:** The industry uses 23 percent of fresh water globally and 40 percent in the US.

**Environment:** Higher water prices would be one way to ration increasingly precious fresh water, where demand is outstripping supply.

There is a broad and growing consensus that freshwater is undervalued. It is a limited, but vital, commodity without a price. In nearly every region the price of water is the cost of water access rights, treatment costs, and transportation costs. There is no price or market for the water itself.



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That will begin to change. Prolonged drought and overuse have depleted freshwater reserves at the same time that demand is rising rapidly. The resulting imbalance has some projections of demand for freshwater exceeding supply by as much as 40% by 2030 .

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Increasingly, water starved regions have begun to look to ways to both reduce overall use and to prioritize different types of use. While there are a number of policy approaches, one that seems to have wide support is the idea of regional exchanges where water could be priced (with adjustments for preferred uses) and sold.

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Five ways Americans can save water through food choices

The implications for the energy industry are significant. Fuel extraction is water intensive, especially for mining and fracking extraction - for fracked natural gas, about a gallon of water is required to extract one mmbtu. Electric generation from fossil fuels also requires large amounts of water. The average kWh produced



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from coal-fired electric generation uses a gallon of water, and while natural gas averages less water use, nuclear uses significantly more.

Initially, reduction in use will focus on eliminating waste and high-use-low-value activities (like watering a lawn), but as the limitations become more acute some uses will simply cease to be provided for, or the cost of use will increase, forcing a rebalancing of the ways water gets used.

Currently, agriculture is the single largest use for freshwater, globally roughly 70% of freshwater use is for agriculture - upward pressure on food costs has already been pointed to as a significant source of political destabilization, so in water limited areas adding to food costs will not have political appeal.

Direct water use by individuals is typically less than 10% of total water use. The remainder is industrial use - the majority of which is energy related - which uses roughly 23% of fresh water globally (worth noting that reports have energy related water use as high as 40% of total water withdrawals here in the U.S.). Pricing structures could be designed any number of ways, but against the current use mix, it is reasonable to think that energy and industrial uses (along with specialty agriculture) are likely to be the most politically viable place to increase costs in hopes of influencing use.

The impact of water prices on energy activities will, of course depend on how high the cost. Historically, the prices paid for water are so low as to be of little concern to most energy businesses, even if they were to double, but given the high cost of disruption from shortages, real, significant increases in prices are a possibility in the future. Pricing cuts both ways, it will add to the cost of energy, but it would also provide certainty as to availability. There are already markets in which doubts about the absolute availability of water has limited the ability of developers to finance new power generation.

Over the longer term the value of low-water use (or saltwater viable) energy generation will increase relative to high water demand energy sources. Wind, solar and natural gas (especially conventionally sourced gas) will gain some advantage relative to coal and nuclear.

Another area to pay attention to are technologies and processes that can reduce or eliminate water use from the energy process - these types of technologies have been underfunded to date because of limited market value. We are seeing increased interest by investors (especially from early stage investors like Vodia Ventures, which is working from a thesis that the potential disruption is undervalued and that the potential for truly transformative technology or process is just beginning to emerge now) in building positions because with a clear view on the economic value associated with water savings these companies can become extremely valuable.

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